

Wilcoxon Signed Ranks test.

KEEL non-parametric statistical module

December 15, 2011

1 Detailed results for Self-Training (NN)

1.1 Results

1.2 Confidence intervals for Median of differences

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (C45)	737.0	803.0	-	1
Self-Training (NB)	1067.0	473.0	-	0.012681
Self-Training (SMO)	849.5	690.5	-	0.500431
Co-Training (NN)	1025.0	460.0	-	0.014608
Co-Training (C45)	810.0	675.0	-	0.558215
Co-Training (NB)	926.0	559.0	-	0.11313
Co-Training (SMO)	722.0	818.0	-	1
Democratic-Co	573.0	967.0	-	1
SETRED	387.5	1097.5	-	1
TriTraining (NN)	840.5	699.5	-	0.550673
TriTraining (C45)	629.0	911.0	-	1
TriTraining (NB)	945.0	595.0	-	0.141444
TriTraining (SMO)	795.0	745.0	-	0.830818
DE-TriTraining (NN)	834.0	706.0	-	0.58891
DE-TriTraining (C45)	745.0	795.0	-	1
DE-TriTraining (NB)	913.0	572.0	-	0.140499
DE-TriTraining (SMO)	745.0	795.0	-	1
CoForest	686.0	854.0	-	1
Rasco (NN)	1524.5	15.5	-	0
Rasco (C45)	1091.0	449.0	-	0.007066
Rasco (NB)	1096.0	444.0	-	0.006173
Rasco (SMO)	1247.0	293.0	-	0.000063
Co-Bagging (NN)	744.5	795.5	-	1
Co-Bagging (C45)	676.0	864.0	-	1
Co-Bagging (NB)	979.0	561.0	-	0.079207
Co-Bagging (SMO)	780.0	760.0	-	0.929897
Rel-Rasco (NN)	1451.0	34.0	-	0
Rel-Rasco (C45)	1101.0	439.0	-	0.005478
Rel-Rasco (NB)	1084.0	456.0	-	0.008344
Rel-Rasco (SMO)	1230.0	310.0	-	0.000114
CLCC	1059.0	481.0	-	0.01507
APSSC	1105.0	380.0	-	0.001715
SNNRCE	437.5	1102.5	-	1
ADE-CoForest	855.0	685.0	-	0.473302

Table 1: Results obtained by the Wilcoxon test for algorithm Self-Training (NN)

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0196 , 0.0129]	2
Self-Training (NB)	[0.01275 , 0.06445]	2
Self-Training (SMO)	[-0.0074 , 0.02245]	2
Co-Training (NN)	[0.00295 , 0.0246]	2
Co-Training (C45)	[-0.0133 , 0.0259]	2
Co-Training (NB)	[-0.00095 , 0.04085]	2
Co-Training (SMO)	[-0.0165 , 0.0133]	2
Democratic-Co	[-0.0276 , -0.0001]	2
SETRED	[-0.0037 , -0.00065]	2
TriTraining (NN)	[-0.00205 , 0.00355]	2
TriTraining (C45)	[-0.02755 , 0.0043]	2
TriTraining (NB)	[-0.0022 , 0.0424]	2
TriTraining (SMO)	[-0.01265 , 0.03405]	2
DE-TriTraining (NN)	[-0.00605 , 0.0132]	2
DE-TriTraining (C45)	[-0.0142 , 0.0128]	2
DE-TriTraining (NB)	[-0.00265 , 0.0425]	2
DE-TriTraining (SMO)	[-0.01155 , 0.00975]	2
CoForest	[-0.02065 , 0.0079]	2
Rasco (NN)	[0.05605 , 0.10695]	2
Rasco (C45)	[0.0205 , 0.0782]	2
Rasco (NB)	[0.0154 , 0.07055]	2
Rasco (SMO)	[0.0371 , 0.1045]	2
Co-Bagging (NN)	[-0.00705 , 0.0056]	2
Co-Bagging (C45)	[-0.0252 , 0.0104]	2
Co-Bagging (NB)	[0.00115 , 0.0463]	2
Co-Bagging (SMO)	[-0.01365 , 0.02695]	2
Rel-Rasco (NN)	[0.05535 , 0.10615]	2
Rel-Rasco (C45)	[0.021 , 0.07805]	2
Rel-Rasco (NB)	[0.0159 , 0.0713]	2
Rel-Rasco (SMO)	[0.03445 , 0.10855]	2
CLCC	[0.00735 , 0.0574]	2
APSSC	[0.01405 , 0.0473]	2
SNNRCE	[-0.01175 , -0.00355]	2
ADE-CoForest	[-0.00625 , 0.02215]	2

Table 2: Confidence intervals for algorithm Self-Training (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0239 , 0.0156]	2
Self-Training (NB)	[0.0081 , 0.07035]	2
Self-Training (SMO)	[-0.00955 , 0.026]	2
Co-Training (NN)	[0.00165 , 0.0273]	2
Co-Training (C45)	[-0.0167 , 0.0296]	2
Co-Training (NB)	[-0.0035 , 0.04495]	2
Co-Training (SMO)	[-0.0188 , 0.0173]	2
Democratic-Co	[-0.03195 , 0.003]	2
SETRED	[-0.0041 , -0.0004]	2
TriTraining (NN)	[-0.00265 , 0.0044]	2
TriTraining (C45)	[-0.0309 , 0.00785]	2
TriTraining (NB)	[-0.0061 , 0.0463]	2
TriTraining (SMO)	[-0.01475 , 0.04095]	2
DE-TriTraining (NN)	[-0.0076 , 0.01535]	2
DE-TriTraining (C45)	[-0.01645 , 0.01595]	2
DE-TriTraining (NB)	[-0.0061 , 0.04675]	2
DE-TriTraining (SMO)	[-0.01355 , 0.0131]	2
CoForest	[-0.02325 , 0.0113]	2
Rasco (NN)	[0.0525 , 0.1131]	2
Rasco (C45)	[0.01525 , 0.08655]	2
Rasco (NB)	[0.01135 , 0.07705]	2
Rasco (SMO)	[0.032 , 0.1124]	2
Co-Bagging (NN)	[-0.00845 , 0.00775]	2
Co-Bagging (C45)	[-0.0291 , 0.0141]	2
Co-Bagging (NB)	[-0.00355 , 0.05115]	2
Co-Bagging (SMO)	[-0.01645 , 0.0345]	2
Rel-Rasco (NN)	[0.0524 , 0.11145]	2
Rel-Rasco (C45)	[0.01405 , 0.08665]	2
Rel-Rasco (NB)	[0.0101 , 0.07465]	2
Rel-Rasco (SMO)	[0.0298 , 0.1182]	2
CLCC	[0.0042 , 0.0624]	2
APSSC	[0.01085 , 0.0517]	2
SNNRCE	[-0.01245 , -0.00265]	2
ADE-CoForest	[-0.0087 , 0.0267]	2

Table 3: Confidence intervals for algorithm Self-Training (NN) ($\alpha=0.95$)

2 Detailed results for Self-Training (C45)

2.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	803.0	737.0	-	0.778955
Self-Training (NB)	1236.5	303.5	-	0.00009
Self-Training (SMO)	943.5	596.5	-	0.144035
Co-Training (NN)	992.0	548.0	-	0.061197
Co-Training (C45)	803.0	682.0	-	0.597454
Co-Training (NB)	1015.0	525.0	-	0.039693
Co-Training (SMO)	894.5	645.5	-	0.29394
Democratic-Co	613.0	872.0	-	1
SETRED	780.5	759.5	-	0.926491
TriTraining (NN)	826.0	714.0	-	0.635936
TriTraining (C45)	388.5	1096.5	-	1
TriTraining (NB)	1033.0	507.0	-	0.027101
TriTraining (SMO)	1003.0	537.0	-	0.050419
DE-TriTraining (NN)	842.5	697.5	-	0.540356
DE-TriTraining (C45)	911.0	629.0	-	0.235794
DE-TriTraining (NB)	1142.0	398.0	-	0.001802
DE-TriTraining (SMO)	933.0	607.0	-	0.17072
CoForest	570.0	970.0	-	1
Rasco (NN)	1493.5	46.5	-	0
Rasco (C45)	1349.5	135.5	-	0
Rasco (NB)	1195.0	345.0	-	0.000359
Rasco (SMO)	1357.0	183.0	-	0.000001
Co-Bagging (NN)	830.5	709.5	-	0.608912
Co-Bagging (C45)	533.5	1006.5	-	1
Co-Bagging (NB)	1100.5	439.5	-	0.0055
Co-Bagging (SMO)	960.5	579.5	-	0.10916
Rel-Rasco (NN)	1489.0	51.0	-	0
Rel-Rasco (C45)	1447.5	92.5	-	0
Rel-Rasco (NB)	1179.5	360.5	-	0.000584
Rel-Rasco (SMO)	1349.0	191.0	-	0.000001
CLCC	1062.5	477.5	-	0.013891
APSSC	1064.0	476.0	-	0.013509
SNNRCE	699.0	841.0	-	1
ADE-CoForest	891.0	649.0	-	0.308681

Table 4: Results obtained by the Wilcoxon test for algorithm Self-Training (C45)

2.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0129 , 0.0196]	2
Self-Training (NB)	[0.0263 , 0.06035]	2
Self-Training (SMO)	[-0.00125 , 0.0326]	2
Co-Training (NN)	[0.0026 , 0.04145]	2
Co-Training (C45)	[-0.0016 , 0.00535]	2
Co-Training (NB)	[0.0038 , 0.0365]	2
Co-Training (SMO)	[-0.0062 , 0.02525]	2
Democratic-Co	[-0.01685 , 0.00245]	2
SETRED	[-0.0148 , 0.01755]	2
TriTraining (NN)	[-0.00975 , 0.0176]	2
TriTraining (C45)	[-0.0104 , -0.00365]	2
TriTraining (NB)	[0.00645 , 0.03875]	2
TriTraining (SMO)	[0.0034 , 0.03965]	2
DE-TriTraining (NN)	[-0.00895 , 0.023]	2
DE-TriTraining (C45)	[-0.00205 , 0.01475]	2
DE-TriTraining (NB)	[0.01445 , 0.0452]	2
DE-TriTraining (SMO)	[-0.002 , 0.029]	2
CoForest	[-0.02535 , -0.00015]	2
Rasco (NN)	[0.07505 , 0.1179]	2
Rasco (C45)	[0.028 , 0.07215]	2
Rasco (NB)	[0.02505 , 0.0658]	2
Rasco (SMO)	[0.0491 , 0.10105]	2
Co-Bagging (NN)	[-0.01025 , 0.01715]	2
Co-Bagging (C45)	[-0.009 , -0.0007]	2
Co-Bagging (NB)	[0.0094 , 0.0398]	2
Co-Bagging (SMO)	[-0.0003 , 0.0302]	2
Rel-Rasco (NN)	[0.0738 , 0.1161]	2
Rel-Rasco (C45)	[0.02785 , 0.068]	2
Rel-Rasco (NB)	[0.02285 , 0.0659]	2
Rel-Rasco (SMO)	[0.0486 , 0.10415]	2
CLCC	[0.0102 , 0.0587]	2
APSSC	[0.01205 , 0.0595]	2
SNNRCE	[-0.01685 , 0.00855]	2
ADE-CoForest	[-0.00485 , 0.0295]	2

Table 5: Confidence intervals for algorithm Self-Training (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0156 , 0.0239]	2
Self-Training (NB)	[0.0235 , 0.06365]	2
Self-Training (SMO)	[-0.00385 , 0.0356]	2
Co-Training (NN)	[-0.0009 , 0.04775]	2
Co-Training (C45)	[-0.00205 , 0.0078]	2
Co-Training (NB)	[0.00105 , 0.0405]	2
Co-Training (SMO)	[-0.009 , 0.02875]	2
Democratic-Co	[-0.0199 , 0.0042]	2
SETRED	[-0.0184 , 0.0207]	2
TriTraining (NN)	[-0.0128 , 0.02015]	2
TriTraining (C45)	[-0.01095 , -0.00245]	2
TriTraining (NB)	[0.00345 , 0.04265]	2
TriTraining (SMO)	[-0.00005 , 0.04335]	2
DE-TriTraining (NN)	[-0.01155 , 0.02705]	2
DE-TriTraining (C45)	[-0.0037 , 0.01705]	2
DE-TriTraining (NB)	[0.0116 , 0.04895]	2
DE-TriTraining (SMO)	[-0.0041 , 0.03235]	2
CoForest	[-0.0281 , 0.0025]	2
Rasco (NN)	[0.07095 , 0.1222]	2
Rasco (C45)	[0.0257 , 0.0771]	2
Rasco (NB)	[0.02015 , 0.06875]	2
Rasco (SMO)	[0.0455 , 0.1085]	2
Co-Bagging (NN)	[-0.01185 , 0.01985]	2
Co-Bagging (C45)	[-0.0097 , -0.00005]	2
Co-Bagging (NB)	[0.00785 , 0.044]	2
Co-Bagging (SMO)	[-0.00335 , 0.0339]	2
Rel-Rasco (NN)	[0.0695 , 0.1206]	2
Rel-Rasco (C45)	[0.02605 , 0.07245]	2
Rel-Rasco (NB)	[0.01955 , 0.06985]	2
Rel-Rasco (SMO)	[0.04235 , 0.1102]	2
CLCC	[0.00665 , 0.06715]	2
APSSC	[0.0076 , 0.06505]	2
SNNRCE	[-0.0195 , 0.0112]	2
ADE-CoForest	[-0.00755 , 0.0348]	2

Table 6: Confidence intervals for algorithm Self-Training (C45) ($\alpha=0.95$)

3 Detailed results for Self-Training (NB)

3.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	473.0	1067.0	-	1
Self-Training (C45)	303.5	1236.5	-	1
Self-Training (SMO)	512.0	1028.0	-	1
Co-Training (NN)	573.0	967.0	-	1
Co-Training (C45)	393.5	1146.5	-	1
Co-Training (NB)	251.0	1234.0	-	1
Co-Training (SMO)	459.0	1081.0	-	1
Democratic-Co	112.0	1428.0	-	1
SETRED	440.0	1100.0	-	1
TriTraining (NN)	454.0	1086.0	-	1
TriTraining (C45)	255.0	1285.0	-	1
TriTraining (NB)	261.5	1278.5	-	1
TriTraining (SMO)	615.0	925.0	-	1
DE-TriTraining (NN)	428.0	1112.0	-	1
DE-TriTraining (C45)	347.0	1193.0	-	1
DE-TriTraining (NB)	400.0	1140.0	-	1
DE-TriTraining (SMO)	432.0	1108.0	-	1
CoForest	386.5	1153.5	-	1
Rasco (NN)	1184.0	356.0	-	0.000515
Rasco (C45)	800.0	685.0	-	0.617124
Rasco (NB)	673.0	867.0	-	1
Rasco (SMO)	1002.0	538.0	-	0.051413
Co-Bagging (NN)	404.0	1136.0	-	1
Co-Bagging (C45)	267.0	1273.0	-	1
Co-Bagging (NB)	365.0	1120.0	-	1
Co-Bagging (SMO)	554.0	986.0	-	1
Rel-Rasco (NN)	1154.0	386.0	-	0.001275
Rel-Rasco (C45)	838.0	702.0	-	0.566015
Rel-Rasco (NB)	570.0	970.0	-	1
Rel-Rasco (SMO)	984.5	555.5	-	0.071048
CLCC	617.0	923.0	-	1
APSSC	671.0	869.0	-	1
SNNRCE	362.0	1178.0	-	1
ADE-CoForest	406.0	1134.0	-	1

Table 7: Results obtained by the Wilcoxon test for algorithm Self-Training (NB)

3.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.06445 , -0.01275]	2
Self-Training (C45)	[-0.06035 , -0.0263]	2
Self-Training (SMO)	[-0.05455 , -0.00765]	2
Co-Training (NN)	[-0.04535 , -0.00015]	2
Co-Training (C45)	[-0.0548 , -0.0193]	2
Co-Training (NB)	[-0.0293 , -0.0128]	2
Co-Training (SMO)	[-0.05965 , -0.01345]	2
Democratic-Co	[-0.06575 , -0.03715]	2
SETRED	[-0.0671 , -0.01615]	2
TriTraining (NN)	[-0.06175 , -0.01455]	2
TriTraining (C45)	[-0.06655 , -0.0336]	2
TriTraining (NB)	[-0.0254 , -0.0119]	2
TriTraining (SMO)	[-0.0383 , 0.00415]	2
DE-TriTraining (NN)	[-0.0526 , -0.017]	2
DE-TriTraining (C45)	[-0.0494 , -0.01935]	2
DE-TriTraining (NB)	[-0.0262 , -0.0104]	2
DE-TriTraining (SMO)	[-0.04995 , -0.0152]	2
CoForest	[-0.07 , -0.02545]	2
Rasco (NN)	[0.02365 , 0.0765]	2
Rasco (C45)	[-0.0157 , 0.03435]	2
Rasco (NB)	[-0.0157 , 0.00575]	2
Rasco (SMO)	[0.00445 , 0.0573]	2
Co-Bagging (NN)	[-0.05945 , -0.0188]	2
Co-Bagging (C45)	[-0.0645 , -0.0306]	2
Co-Bagging (NB)	[-0.02045 , -0.00735]	2
Co-Bagging (SMO)	[-0.0441 , -0.00295]	2
Rel-Rasco (NN)	[0.0238 , 0.07285]	2
Rel-Rasco (C45)	[-0.0149 , 0.0324]	2
Rel-Rasco (NB)	[-0.01705 , -0.0003]	2
Rel-Rasco (SMO)	[0.00205 , 0.0553]	2
CLCC	[-0.026 , 0.00345]	2
APSSC	[-0.041 , 0.0192]	2
SNNRCE	[-0.06985 , -0.02425]	2
ADE-CoForest	[-0.04815 , -0.01875]	2

Table 8: Confidence intervals for algorithm Self-Training (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07035 , -0.0081]	2
Self-Training (C45)	[-0.06365 , -0.0235]	2
Self-Training (SMO)	[-0.0607 , -0.00285]	2
Co-Training (NN)	[-0.05215 , 0.004]	2
Co-Training (C45)	[-0.0588 , -0.01535]	2
Co-Training (NB)	[-0.03055 , -0.0115]	2
Co-Training (SMO)	[-0.0659 , -0.0097]	2
Democratic-Co	[-0.0685 , -0.03485]	2
SETRED	[-0.0732 , -0.0117]	2
TriTraining (NN)	[-0.06815 , -0.01055]	2
TriTraining (C45)	[-0.0698 , -0.03095]	2
TriTraining (NB)	[-0.0274 , -0.01065]	2
TriTraining (SMO)	[-0.044 , 0.00985]	2
DE-TriTraining (NN)	[-0.058 , -0.0137]	2
DE-TriTraining (C45)	[-0.0529 , -0.01685]	2
DE-TriTraining (NB)	[-0.0279 , -0.00895]	2
DE-TriTraining (SMO)	[-0.05515 , -0.0111]	2
CoForest	[-0.0761 , -0.02135]	2
Rasco (NN)	[0.0209 , 0.08205]	2
Rasco (C45)	[-0.0201 , 0.0407]	2
Rasco (NB)	[-0.01745 , 0.0088]	2
Rasco (SMO)	[-0.0001 , 0.0631]	2
Co-Bagging (NN)	[-0.06635 , -0.0146]	2
Co-Bagging (C45)	[-0.0683 , -0.0282]	2
Co-Bagging (NB)	[-0.0221 , -0.0063]	2
Co-Bagging (SMO)	[-0.04975 , 0.0022]	2
Rel-Rasco (NN)	[0.02055 , 0.08035]	2
Rel-Rasco (C45)	[-0.01855 , 0.0382]	2
Rel-Rasco (NB)	[-0.01845 , 0.00155]	2
Rel-Rasco (SMO)	[-0.0025 , 0.0633]	2
CLCC	[-0.02915 , 0.0067]	2
APSSC	[-0.0452 , 0.02545]	2
SNNRCE	[-0.0749 , -0.0202]	2
ADE-CoForest	[-0.05185 , -0.0156]	2

Table 9: Confidence intervals for algorithm Self-Training (NB) ($\alpha=0.95$)

4 Detailed results for Self-Training (SMO)

4.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	690.5	849.5	-	1
Self-Training (C45)	596.5	943.5	-	1
Self-Training (NB)	1028.0	512.0	-	0.030322
Co-Training (NN)	912.0	628.0	-	0.2325
Co-Training (C45)	681.0	804.0	-	1
Co-Training (NB)	883.0	657.0	-	0.34061
Co-Training (SMO)	548.5	991.5	-	1
Democratic-Co	538.0	1002.0	-	1
SETRED	659.0	881.0	-	1
TriTraining (NN)	664.5	820.5	-	1
TriTraining (C45)	479.0	1061.0	-	1
TriTraining (NB)	886.0	654.0	-	0.328508
TriTraining (SMO)	756.5	728.5	-	0.900537
DE-TriTraining (NN)	669.0	871.0	-	1
DE-TriTraining (C45)	675.0	865.0	-	1
DE-TriTraining (NB)	960.5	579.5	-	0.10916
DE-TriTraining (SMO)	695.5	789.5	-	1
CoForest	561.0	979.0	-	1
Rasco (NN)	1379.0	161.0	-	0
Rasco (C45)	1078.0	462.0	-	0.009744
Rasco (NB)	1009.5	530.5	-	0.044119
Rasco (SMO)	1320.0	220.0	-	0.000004
Co-Bagging (NN)	649.5	890.5	-	1
Co-Bagging (C45)	535.0	1005.0	-	1
Co-Bagging (NB)	865.0	620.0	-	0.289574
Co-Bagging (SMO)	702.0	783.0	-	1
Rel-Rasco (NN)	1354.0	186.0	-	0.000001
Rel-Rasco (C45)	1014.0	471.0	-	0.019052
Rel-Rasco (NB)	1014.5	525.5	-	0.039681
Rel-Rasco (SMO)	1324.0	216.0	-	0.000003
CLCC	887.0	598.0	-	0.211855
APSSC	893.0	592.0	-	0.193552
SNNRCE	596.0	944.0	-	1
ADE-CoForest	741.0	744.0	-	1

Table 10: Results obtained by the Wilcoxon test for algorithm Self-Training (SMO)

4.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02245 , 0.0074]	2
Self-Training (C45)	[-0.0326 , 0.00125]	2
Self-Training (NB)	[0.00765 , 0.05455]	2
Co-Training (NN)	[-0.0038 , 0.0226]	2
Co-Training (C45)	[-0.02325 , 0.01245]	2
Co-Training (NB)	[-0.0094 , 0.0322]	2
Co-Training (SMO)	[-0.01245 , -0.00075]	2
Democratic-Co	[-0.02995 , -0.00235]	2
SETRED	[-0.0252 , 0.00515]	2
TriTraining (NN)	[-0.02015 , 0.0067]	2
TriTraining (C45)	[-0.0387 , -0.008]	2
TriTraining (NB)	[-0.00855 , 0.0348]	2
TriTraining (SMO)	[-0.00365 , 0.0075]	2
DE-TriTraining (NN)	[-0.02155 , 0.0067]	2
DE-TriTraining (C45)	[-0.0208 , 0.008]	2
DE-TriTraining (NB)	[-0.00045 , 0.03415]	2
DE-TriTraining (SMO)	[-0.0143 , 0.0081]	2
CoForest	[-0.03195 , -0.00085]	2
Rasco (NN)	[0.0528 , 0.09475]	2
Rasco (C45)	[0.01405 , 0.0665]	2
Rasco (NB)	[0.0059 , 0.0548]	2
Rasco (SMO)	[0.0274 , 0.0697]	2
Co-Bagging (NN)	[-0.02415 , 0.0048]	2
Co-Bagging (C45)	[-0.03305 , -0.0032]	2
Co-Bagging (NB)	[-0.0072 , 0.0371]	2
Co-Bagging (SMO)	[-0.00655 , 0.0029]	2
Rel-Rasco (NN)	[0.0508 , 0.09395]	2
Rel-Rasco (C45)	[0.01215 , 0.0642]	2
Rel-Rasco (NB)	[0.00685 , 0.0569]	2
Rel-Rasco (SMO)	[0.0256 , 0.0703]	2
CLCC	[-0.0046 , 0.04115]	2
APSSC	[-0.00485 , 0.042]	2
SNNRCE	[-0.03265 , 0.001]	2
ADE-CoForest	[-0.0137 , 0.01475]	2

Table 11: Confidence intervals for algorithm Self-Training (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.026 , 0.00955]	2
Self-Training (C45)	[-0.0356 , 0.00385]	2
Self-Training (NB)	[0.00285 , 0.0607]	2
Co-Training (NN)	[-0.00695 , 0.02675]	2
Co-Training (C45)	[-0.02645 , 0.01545]	2
Co-Training (NB)	[-0.01275 , 0.0367]	2
Co-Training (SMO)	[-0.0139 , 0.0003]	2
Democratic-Co	[-0.0341 , 0.0001]	2
SETRED	[-0.02995 , 0.0071]	2
TriTraining (NN)	[-0.0244 , 0.0088]	2
TriTraining (C45)	[-0.04115 , -0.0054]	2
TriTraining (NB)	[-0.01315 , 0.0389]	2
TriTraining (SMO)	[-0.0048 , 0.009]	2
DE-TriTraining (NN)	[-0.024 , 0.00985]	2
DE-TriTraining (C45)	[-0.02465 , 0.0113]	2
DE-TriTraining (NB)	[-0.0051 , 0.0385]	2
DE-TriTraining (SMO)	[-0.01725 , 0.0103]	2
CoForest	[-0.03525 , 0.0026]	2
Rasco (NN)	[0.05025 , 0.10055]	2
Rasco (C45)	[0.01 , 0.07315]	2
Rasco (NB)	[0.0006 , 0.05985]	2
Rasco (SMO)	[0.0242 , 0.0765]	2
Co-Bagging (NN)	[-0.02695 , 0.00745]	2
Co-Bagging (C45)	[-0.0367 , -0.00005]	2
Co-Bagging (NB)	[-0.0123 , 0.04215]	2
Co-Bagging (SMO)	[-0.008 , 0.00375]	2
Rel-Rasco (NN)	[0.0483 , 0.1004]	2
Rel-Rasco (C45)	[0.00585 , 0.0694]	2
Rel-Rasco (NB)	[0.0027 , 0.06195]	2
Rel-Rasco (SMO)	[0.02315 , 0.07685]	2
CLCC	[-0.009 , 0.0483]	2
APSSC	[-0.0091 , 0.04685]	2
SNNRCE	[-0.03675 , 0.0037]	2
ADE-CoForest	[-0.0162 , 0.01775]	2

Table 12: Confidence intervals for algorithm Self-Training (SMO) ($\alpha=0.95$)

5 Detailed results for Co-Training (NN)

5.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	460.0	1025.0	-	1
Self-Training (C45)	548.0	992.0	-	1
Self-Training (NB)	967.0	573.0	-	0.097973
Self-Training (SMO)	628.0	912.0	-	1
Co-Training (C45)	681.0	859.0	-	1
Co-Training (NB)	794.0	746.0	-	0.836852
Co-Training (SMO)	605.0	935.0	-	1
Democratic-Co	378.0	1107.0	-	1
SETRED	370.0	1115.0	-	1
TriTraining (NN)	491.0	1049.0	-	1
TriTraining (C45)	467.0	1073.0	-	1
TriTraining (NB)	824.0	716.0	-	0.647936
TriTraining (SMO)	688.0	852.0	-	1
DE-TriTraining (NN)	570.5	969.5	-	1
DE-TriTraining (C45)	576.0	964.0	-	1
DE-TriTraining (NB)	804.0	736.0	-	0.772304
DE-TriTraining (SMO)	569.5	970.5	-	1
CoForest	494.5	1045.5	-	1
Rasco (NN)	1366.0	174.0	-	0.000001
Rasco (C45)	996.5	543.5	-	0.05666
Rasco (NB)	931.0	609.0	-	0.176012
Rasco (SMO)	1114.5	425.5	-	0.003808
Co-Bagging (NN)	481.0	1059.0	-	1
Co-Bagging (C45)	515.0	1025.0	-	1
Co-Bagging (NB)	871.0	669.0	-	0.39509
Co-Bagging (SMO)	673.5	866.5	-	1
Rel-Rasco (NN)	1302.0	183.0	-	0.000001
Rel-Rasco (C45)	1009.0	531.0	-	0.044786
Rel-Rasco (NB)	956.0	584.0	-	0.118147
Rel-Rasco (SMO)	1102.0	438.0	-	0.005338
CLCC	860.0	680.0	-	0.447821
APSSC	886.0	654.0	-	0.329014
SNNRCE	288.0	1252.0	-	1
ADE-CoForest	666.0	874.0	-	1

Table 13: Results obtained by the Wilcoxon test for algorithm Co-Training (NN)

5.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0246 , -0.00295]	2
Self-Training (C45)	[-0.04145 , -0.0026]	2
Self-Training (NB)	[0.00015 , 0.04535]	2
Self-Training (SMO)	[-0.0226 , 0.0038]	2
Co-Training (C45)	[-0.02845 , 0.00855]	2
Co-Training (NB)	[-0.0175 , 0.01895]	2
Co-Training (SMO)	[-0.03105 , 0.0024]	2
Democratic-Co	[-0.0504 , -0.0123]	2
SETRED	[-0.0268 , -0.0067]	2
TriTraining (NN)	[-0.02435 , -0.0026]	2
TriTraining (C45)	[-0.04645 , -0.01005]	2
TriTraining (NB)	[-0.0173 , 0.0279]	2
TriTraining (SMO)	[-0.0211 , 0.00995]	2
DE-TriTraining (NN)	[-0.018 , -0.0003]	2
DE-TriTraining (C45)	[-0.03125 , 0.00025]	2
DE-TriTraining (NB)	[-0.0158 , 0.0222]	2
DE-TriTraining (SMO)	[-0.0225 , -0.00065]	2
CoForest	[-0.0395 , -0.00785]	2
Rasco (NN)	[0.0431 , 0.09405]	2
Rasco (C45)	[0.00545 , 0.0657]	2
Rasco (NB)	[-0.00425 , 0.04965]	2
Rasco (SMO)	[0.02345 , 0.0865]	2
Co-Bagging (NN)	[-0.0222 , -0.00385]	2
Co-Bagging (C45)	[-0.0445 , -0.00665]	2
Co-Bagging (NB)	[-0.01385 , 0.0298]	2
Co-Bagging (SMO)	[-0.02185 , 0.00915]	2
Rel-Rasco (NN)	[0.0444 , 0.0925]	2
Rel-Rasco (C45)	[0.0069 , 0.06325]	2
Rel-Rasco (NB)	[-0.00115 , 0.0506]	2
Rel-Rasco (SMO)	[0.0236 , 0.0912]	2
CLCC	[-0.01075 , 0.0365]	2
APSSC	[-0.0086 , 0.0349]	2
SNNRCE	[-0.0291 , -0.01055]	2
ADE-CoForest	[-0.0185 , 0.0067]	2

Table 14: Confidence intervals for algorithm Co-Training (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0273 , -0.00165]	2
Self-Training (C45)	[-0.04775 , 0.0009]	2
Self-Training (NB)	[-0.004 , 0.05215]	2
Self-Training (SMO)	[-0.02675 , 0.00695]	2
Co-Training (C45)	[-0.03325 , 0.01185]	2
Co-Training (NB)	[-0.0199 , 0.02225]	2
Co-Training (SMO)	[-0.03555 , 0.0056]	2
Democratic-Co	[-0.05485 , -0.00905]	2
SETRED	[-0.03 , -0.00535]	2
TriTraining (NN)	[-0.0275 , -0.00115]	2
TriTraining (C45)	[-0.0523 , -0.00605]	2
TriTraining (NB)	[-0.02095 , 0.03325]	2
TriTraining (SMO)	[-0.0248 , 0.0158]	2
DE-TriTraining (NN)	[-0.02015 , 0.00125]	2
DE-TriTraining (C45)	[-0.03445 , 0.00345]	2
DE-TriTraining (NB)	[-0.01995 , 0.026]	2
DE-TriTraining (SMO)	[-0.0251 , 0.0016]	2
CoForest	[-0.04255 , -0.0047]	2
Rasco (NN)	[0.03955 , 0.09975]	2
Rasco (C45)	[-0.0008 , 0.0719]	2
Rasco (NB)	[-0.00845 , 0.05525]	2
Rasco (SMO)	[0.01695 , 0.0939]	2
Co-Bagging (NN)	[-0.02555 , -0.00245]	2
Co-Bagging (C45)	[-0.05015 , -0.00265]	2
Co-Bagging (NB)	[-0.01865 , 0.03585]	2
Co-Bagging (SMO)	[-0.0258 , 0.0129]	2
Rel-Rasco (NN)	[0.04025 , 0.0991]	2
Rel-Rasco (C45)	[0.0008 , 0.06945]	2
Rel-Rasco (NB)	[-0.0058 , 0.0573]	2
Rel-Rasco (SMO)	[0.01975 , 0.1013]	2
CLCC	[-0.0143 , 0.043]	2
APSSC	[-0.01225 , 0.03985]	2
SNNRCE	[-0.03385 , -0.0093]	2
ADE-CoForest	[-0.0208 , 0.0115]	2

Table 15: Confidence intervals for algorithm Co-Training (NN) ($\alpha=0.95$)

6 Detailed results for Co-Training (C45)

6.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	675.0	810.0	-	1
Self-Training (C45)	682.0	803.0	-	1
Self-Training (NB)	1146.5	393.5	-	0.001567
Self-Training (SMO)	804.0	681.0	-	0.593457
Co-Training (NN)	859.0	681.0	-	0.453327
Co-Training (NB)	914.0	626.0	-	0.225524
Co-Training (SMO)	816.5	723.5	-	0.693125
Democratic-Co	500.5	984.5	-	1
SETRED	655.0	830.0	-	1
TriTraining (NN)	690.5	849.5	-	1
TriTraining (C45)	250.0	1290.0	-	1
TriTraining (NB)	938.0	602.0	-	0.158013
TriTraining (SMO)	882.0	603.0	-	0.228037
DE-TriTraining (NN)	697.0	843.0	-	1
DE-TriTraining (C45)	741.0	799.0	-	1
DE-TriTraining (NB)	1036.5	503.5	-	0.025129
DE-TriTraining (SMO)	802.5	737.5	-	0.781948
CoForest	508.0	1032.0	-	1
Rasco (NN)	1481.5	58.5	-	0
Rasco (C45)	1338.0	147.0	-	0
Rasco (NB)	1109.0	431.0	-	0.004448
Rasco (SMO)	1334.0	206.0	-	0.000002
Co-Bagging (NN)	685.0	855.0	-	1
Co-Bagging (C45)	370.5	1114.5	-	1
Co-Bagging (NB)	973.5	566.5	-	0.087078
Co-Bagging (SMO)	853.0	687.0	-	0.484172
Rel-Rasco (NN)	1465.0	75.0	-	0
Rel-Rasco (C45)	1387.0	153.0	-	0
Rel-Rasco (NB)	1109.0	431.0	-	0.004448
Rel-Rasco (SMO)	1326.0	214.0	-	0.000003
CLCC	941.0	544.0	-	0.086633
APSSC	974.0	566.0	-	0.086637
SNNRCE	595.5	944.5	-	1
ADE-CoForest	800.0	740.0	-	0.798302

Table 16: Results obtained by the Wilcoxon test for algorithm Co-Training (C45)

6.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0259 , 0.0133]	2
Self-Training (C45)	[-0.00535 , 0.0016]	2
Self-Training (NB)	[0.0193 , 0.0548]	2
Self-Training (SMO)	[-0.01245 , 0.02325]	2
Co-Training (NN)	[-0.00855 , 0.02845]	2
Co-Training (NB)	[-0.0043 , 0.02995]	2
Co-Training (SMO)	[-0.01115 , 0.0151]	2
Democratic-Co	[-0.02665 , -0.00235]	2
SETRED	[-0.0277 , 0.0096]	2
TriTraining (NN)	[-0.02325 , 0.0094]	2
TriTraining (C45)	[-0.01715 , -0.00605]	2
TriTraining (NB)	[-0.00285 , 0.0338]	2
TriTraining (SMO)	[-0.0054 , 0.02935]	2
DE-TriTraining (NN)	[-0.02045 , 0.0106]	2
DE-TriTraining (C45)	[-0.01105 , 0.00845]	2
DE-TriTraining (NB)	[0.00475 , 0.03435]	2
DE-TriTraining (SMO)	[-0.01145 , 0.0176]	2
CoForest	[-0.03435 , -0.0067]	2
Rasco (NN)	[0.06545 , 0.10635]	2
Rasco (C45)	[0.0227 , 0.06065]	2
Rasco (NB)	[0.0143 , 0.05465]	2
Rasco (SMO)	[0.04365 , 0.08875]	2
Co-Bagging (NN)	[-0.02275 , 0.01055]	2
Co-Bagging (C45)	[-0.0158 , -0.00535]	2
Co-Bagging (NB)	[0.0009 , 0.0346]	2
Co-Bagging (SMO)	[-0.00825 , 0.02165]	2
Rel-Rasco (NN)	[0.0634 , 0.10585]	2
Rel-Rasco (C45)	[0.02205 , 0.055]	2
Rel-Rasco (NB)	[0.01605 , 0.05525]	2
Rel-Rasco (SMO)	[0.04275 , 0.09155]	2
CLCC	[0.00035 , 0.0543]	2
APSSC	[0.0018 , 0.0531]	2
SNNRCE	[-0.02965 , 0.00135]	2
ADE-CoForest	[-0.0133 , 0.0216]	2

Table 17: Confidence intervals for algorithm Co-Training (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0296 , 0.0167]	2
Self-Training (C45)	[-0.0078 , 0.00205]	2
Self-Training (NB)	[0.01535 , 0.0588]	2
Self-Training (SMO)	[-0.01545 , 0.02645]	2
Co-Training (NN)	[-0.01185 , 0.03325]	2
Co-Training (NB)	[-0.00805 , 0.0339]	2
Co-Training (SMO)	[-0.01445 , 0.01725]	2
Democratic-Co	[-0.02855 , -0.0007]	2
SETRED	[-0.03205 , 0.01465]	2
TriTraining (NN)	[-0.027 , 0.01265]	2
TriTraining (C45)	[-0.01915 , -0.00525]	2
TriTraining (NB)	[-0.00715 , 0.0372]	2
TriTraining (SMO)	[-0.00825 , 0.0338]	2
DE-TriTraining (NN)	[-0.0228 , 0.01475]	2
DE-TriTraining (C45)	[-0.0129 , 0.0105]	2
DE-TriTraining (NB)	[0.0022 , 0.03765]	2
DE-TriTraining (SMO)	[-0.0141 , 0.02095]	2
CoForest	[-0.037 , -0.0043]	2
Rasco (NN)	[0.0605 , 0.11045]	2
Rasco (C45)	[0.0204 , 0.0655]	2
Rasco (NB)	[0.0113 , 0.0596]	2
Rasco (SMO)	[0.03985 , 0.0947]	2
Co-Bagging (NN)	[-0.0258 , 0.0129]	2
Co-Bagging (C45)	[-0.01705 , -0.00415]	2
Co-Bagging (NB)	[-0.0027 , 0.0383]	2
Co-Bagging (SMO)	[-0.0113 , 0.02475]	2
Rel-Rasco (NN)	[0.05905 , 0.11005]	2
Rel-Rasco (C45)	[0.0196 , 0.0582]	2
Rel-Rasco (NB)	[0.0113 , 0.0595]	2
Rel-Rasco (SMO)	[0.0381 , 0.09635]	2
CLCC	[-0.0046 , 0.06225]	2
APSSC	[-0.0051 , 0.0587]	2
SNNRCE	[-0.03235 , 0.00515]	2
ADE-CoForest	[-0.01615 , 0.0275]	2

Table 18: Confidence intervals for algorithm Co-Training (C45) ($\alpha=0.95$)

7 Detailed results for Co-Training (NB)

7.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	559.0	926.0	-	1
Self-Training (C45)	525.0	1015.0	-	1
Self-Training (NB)	1234.0	251.0	-	0.000022
Self-Training (SMO)	657.0	883.0	-	1
Co-Training (NN)	746.0	794.0	-	1
Co-Training (C45)	626.0	914.0	-	1
Co-Training (SMO)	617.0	923.0	-	1
Democratic-Co	232.0	1308.0	-	1
SETRED	533.0	952.0	-	1
TriTraining (NN)	568.5	971.5	-	1
TriTraining (C45)	424.5	1115.5	-	1
TriTraining (NB)	632.5	907.5	-	1
TriTraining (SMO)	788.5	751.5	-	0.873386
DE-TriTraining (NN)	583.0	957.0	-	1
DE-TriTraining (C45)	546.5	993.5	-	1
DE-TriTraining (NB)	731.0	754.0	-	1
DE-TriTraining (SMO)	618.5	921.5	-	1
CoForest	485.0	1055.0	-	1
Rasco (NN)	1333.0	207.0	-	0.000002
Rasco (C45)	1025.0	515.0	-	0.032297
Rasco (NB)	976.0	509.0	-	0.043699
Rasco (SMO)	1154.0	386.0	-	0.00126
Co-Bagging (NN)	579.5	960.5	-	1
Co-Bagging (C45)	482.5	1057.5	-	1
Co-Bagging (NB)	934.0	606.0	-	0.166783
Co-Bagging (SMO)	745.0	795.0	-	1
Rel-Rasco (NN)	1328.0	212.0	-	0.000003
Rel-Rasco (C45)	1027.0	513.0	-	0.030969
Rel-Rasco (NB)	1053.0	432.0	-	0.007411
Rel-Rasco (SMO)	1137.0	403.0	-	0.002076
CLCC	820.5	719.5	-	0.66883
APSSC	822.0	718.0	-	0.660029
SNNRCE	470.0	1070.0	-	1
ADE-CoForest	579.0	961.0	-	1

Table 19: Results obtained by the Wilcoxon test for algorithm Co-Training (NB)

7.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04085 , 0.00095]	2
Self-Training (C45)	[-0.0365 , -0.0038]	2
Self-Training (NB)	[0.0128 , 0.0293]	2
Self-Training (SMO)	[-0.0322 , 0.0094]	2
Co-Training (NN)	[-0.01895 , 0.0175]	2
Co-Training (C45)	[-0.02995 , 0.0043]	2
Co-Training (SMO)	[-0.03485 , 0.00455]	2
Democratic-Co	[-0.0382 , -0.0171]	2
SETRED	[-0.04155 , -0.0017]	2
TriTraining (NN)	[-0.03805 , -0.0005]	2
TriTraining (C45)	[-0.0431 , -0.0129]	2
TriTraining (NB)	[-0.0048 , 0.0018]	2
TriTraining (SMO)	[-0.01995 , 0.0233]	2
DE-TriTraining (NN)	[-0.033 , 0.0008]	2
DE-TriTraining (C45)	[-0.03005 , -0.0017]	2
DE-TriTraining (NB)	[-0.00775 , 0.00895]	2
DE-TriTraining (SMO)	[-0.0276 , 0.0036]	2
CoForest	[-0.04935 , -0.00995]	2
Rasco (NN)	[0.04785 , 0.0969]	2
Rasco (C45)	[0.0077 , 0.06215]	2
Rasco (NB)	[0.002 , 0.02775]	2
Rasco (SMO)	[0.02745 , 0.0846]	2
Co-Bagging (NN)	[-0.0346 , 0.00105]	2
Co-Bagging (C45)	[-0.04095 , -0.008]	2
Co-Bagging (NB)	[-0.0008 , 0.0117]	2
Co-Bagging (SMO)	[-0.02015 , 0.01585]	2
Rel-Rasco (NN)	[0.0461 , 0.0962]	2
Rel-Rasco (C45)	[0.00825 , 0.0581]	2
Rel-Rasco (NB)	[0.00465 , 0.0332]	2
Rel-Rasco (SMO)	[0.02615 , 0.08765]	2
CLCC	[-0.00915 , 0.01925]	2
APSSC	[-0.01705 , 0.035]	2
SNNRCE	[-0.0441 , -0.00945]	2
ADE-CoForest	[-0.0296 , 0.0002]	2

Table 20: Confidence intervals for algorithm Co-Training (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04495 , 0.0035]	2
Self-Training (C45)	[-0.0405 , -0.00105]	2
Self-Training (NB)	[0.0115 , 0.03055]	2
Self-Training (SMO)	[-0.0367 , 0.01275]	2
Co-Training (NN)	[-0.02225 , 0.0199]	2
Co-Training (C45)	[-0.0339 , 0.00805]	2
Co-Training (SMO)	[-0.03875 , 0.009]	2
Democratic-Co	[-0.04145 , -0.01565]	2
SETRED	[-0.047 , 0.0022]	2
TriTraining (NN)	[-0.0416 , 0.0024]	2
TriTraining (C45)	[-0.04655 , -0.01015]	2
TriTraining (NB)	[-0.0053 , 0.0028]	2
TriTraining (SMO)	[-0.0239 , 0.0283]	2
DE-TriTraining (NN)	[-0.0369 , 0.005]	2
DE-TriTraining (C45)	[-0.0328 , 0.0012]	2
DE-TriTraining (NB)	[-0.0094 , 0.0118]	2
DE-TriTraining (SMO)	[-0.03085 , 0.00655]	2
CoForest	[-0.0534 , -0.0065]	2
Rasco (NN)	[0.04355 , 0.1048]	2
Rasco (C45)	[0.00345 , 0.0691]	2
Rasco (NB)	[0.00005 , 0.0315]	2
Rasco (SMO)	[0.0227 , 0.0903]	2
Co-Bagging (NN)	[-0.03815 , 0.00455]	2
Co-Bagging (C45)	[-0.045 , -0.0055]	2
Co-Bagging (NB)	[-0.00175 , 0.0135]	2
Co-Bagging (SMO)	[-0.02515 , 0.0208]	2
Rel-Rasco (NN)	[0.0433 , 0.10245]	2
Rel-Rasco (C45)	[0.0028 , 0.06645]	2
Rel-Rasco (NB)	[0.0034 , 0.03715]	2
Rel-Rasco (SMO)	[0.01975 , 0.09315]	2
CLCC	[-0.01105 , 0.023]	2
APSSC	[-0.02205 , 0.04155]	2
SNNRCE	[-0.04775 , -0.0062]	2
ADE-CoForest	[-0.0326 , 0.00355]	2

Table 21: Confidence intervals for algorithm Co-Training (NB) ($\alpha=0.95$)

8 Detailed results for Co-Training (SMO)

8.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	818.0	722.0	-	0.684165
Self-Training (C45)	645.5	894.5	-	1
Self-Training (NB)	1081.0	459.0	-	0.009056
Self-Training (SMO)	991.5	548.5	-	0.062055
Co-Training (NN)	935.0	605.0	-	0.165549
Co-Training (C45)	723.5	816.5	-	1
Co-Training (NB)	923.0	617.0	-	0.197936
Democratic-Co	574.0	966.0	-	1
SETRED	804.0	736.0	-	0.772304
TriTraining (NN)	805.0	735.0	-	0.766132
TriTraining (C45)	526.0	1014.0	-	1
TriTraining (NB)	922.0	618.0	-	0.201345
TriTraining (SMO)	1029.0	456.0	-	0.013469
DE-TriTraining (NN)	776.0	764.0	-	0.956568
DE-TriTraining (C45)	739.5	800.5	-	1
DE-TriTraining (NB)	963.5	576.5	-	0.103707
DE-TriTraining (SMO)	815.0	725.0	-	0.703037
CoForest	641.0	899.0	-	1
Rasco (NN)	1465.0	75.0	-	0
Rasco (C45)	1141.5	343.5	-	0.000574
Rasco (NB)	1051.0	489.0	-	0.018346
Rasco (SMO)	1462.0	78.0	-	0
Co-Bagging (NN)	782.0	758.0	-	0.916589
Co-Bagging (C45)	574.0	966.0	-	1
Co-Bagging (NB)	933.0	607.0	-	0.17072
Co-Bagging (SMO)	930.5	609.5	-	0.175992
Rel-Rasco (NN)	1436.0	104.0	-	0
Rel-Rasco (C45)	1106.0	379.0	-	0.001724
Rel-Rasco (NB)	1065.0	475.0	-	0.013292
Rel-Rasco (SMO)	1421.0	119.0	-	0
CLCC	954.5	585.5	-	0.120744
APSSC	1009.0	531.0	-	0.044562
SNNRCE	691.5	848.5	-	1
ADE-CoForest	851.0	689.0	-	0.494701

Table 22: Results obtained by the Wilcoxon test for algorithm Co-Training (SMO)

8.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0133 , 0.0165]	2
Self-Training (C45)	[-0.02525 , 0.0062]	2
Self-Training (NB)	[0.01345 , 0.05965]	2
Self-Training (SMO)	[0.00075 , 0.01245]	2
Co-Training (NN)	[-0.0024 , 0.03105]	2
Co-Training (C45)	[-0.0151 , 0.01115]	2
Co-Training (NB)	[-0.00455 , 0.03485]	2
Democratic-Co	[-0.02725 , -0.00005]	2
SETRED	[-0.0149 , 0.01475]	2
TriTraining (NN)	[-0.01145 , 0.01425]	2
TriTraining (C45)	[-0.0331 , -0.0034]	2
TriTraining (NB)	[-0.0044 , 0.0361]	2
TriTraining (SMO)	[0.0025 , 0.01915]	2
DE-TriTraining (NN)	[-0.01465 , 0.0159]	2
DE-TriTraining (C45)	[-0.01425 , 0.01275]	2
DE-TriTraining (NB)	[-0.0001 , 0.0385]	2
DE-TriTraining (SMO)	[-0.0078 , 0.0124]	2
CoForest	[-0.02665 , 0.00615]	2
Rasco (NN)	[0.05985 , 0.10805]	2
Rasco (C45)	[0.0216 , 0.0751]	2
Rasco (NB)	[0.01115 , 0.0572]	2
Rasco (SMO)	[0.03815 , 0.08135]	2
Co-Bagging (NN)	[-0.01485 , 0.01435]	2
Co-Bagging (C45)	[-0.02675 , -0.00015]	2
Co-Bagging (NB)	[-0.0029 , 0.04065]	2
Co-Bagging (SMO)	[-0.0014 , 0.01125]	2
Rel-Rasco (NN)	[0.0597 , 0.1058]	2
Rel-Rasco (C45)	[0.0201 , 0.072]	2
Rel-Rasco (NB)	[0.01285 , 0.06125]	2
Rel-Rasco (SMO)	[0.03545 , 0.08125]	2
CLCC	[-0.0006 , 0.0573]	2
APSSC	[0.00635 , 0.0537]	2
SNNRCE	[-0.01915 , 0.0061]	2
ADE-CoForest	[-0.00895 , 0.02605]	2

Table 23: Confidence intervals for algorithm Co-Training (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0173 , 0.0188]	2
Self-Training (C45)	[-0.02875 , 0.009]	2
Self-Training (NB)	[0.0097 , 0.0659]	2
Self-Training (SMO)	[-0.0003 , 0.0139]	2
Co-Training (NN)	[-0.0056 , 0.03555]	2
Co-Training (C45)	[-0.01725 , 0.01445]	2
Co-Training (NB)	[-0.009 , 0.03875]	2
Democratic-Co	[-0.03145 , 0.0024]	2
SETRED	[-0.02 , 0.01645]	2
TriTraining (NN)	[-0.0152 , 0.0166]	2
TriTraining (C45)	[-0.03505 , -0.0011]	2
TriTraining (NB)	[-0.0081 , 0.04125]	2
TriTraining (SMO)	[0.0015 , 0.02145]	2
DE-TriTraining (NN)	[-0.0177 , 0.01975]	2
DE-TriTraining (C45)	[-0.0175 , 0.01615]	2
DE-TriTraining (NB)	[-0.0031 , 0.04235]	2
DE-TriTraining (SMO)	[-0.0096 , 0.0142]	2
CoForest	[-0.0303 , 0.0095]	2
Rasco (NN)	[0.057 , 0.1142]	2
Rasco (C45)	[0.01765 , 0.0792]	2
Rasco (NB)	[0.0071 , 0.0628]	2
Rasco (SMO)	[0.03375 , 0.08605]	2
Co-Bagging (NN)	[-0.0178 , 0.0166]	2
Co-Bagging (C45)	[-0.02985 , 0.0021]	2
Co-Bagging (NB)	[-0.00695 , 0.04545]	2
Co-Bagging (SMO)	[-0.00255 , 0.01375]	2
Rel-Rasco (NN)	[0.05655 , 0.1123]	2
Rel-Rasco (C45)	[0.0162 , 0.07675]	2
Rel-Rasco (NB)	[0.008 , 0.0649]	2
Rel-Rasco (SMO)	[0.0321 , 0.08555]	2
CLCC	[-0.006 , 0.0679]	2
APSSC	[0.00095 , 0.0582]	2
SNNRCE	[-0.02185 , 0.00825]	2
ADE-CoForest	[-0.0126 , 0.0306]	2

Table 24: Confidence intervals for algorithm Co-Training (SMO) ($\alpha=0.95$)

9 Detailed results for Democratic-Co

9.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	967.0	573.0	-	0.097973
Self-Training (C45)	872.0	613.0	-	0.262486
Self-Training (NB)	1428.0	112.0	-	0
Self-Training (SMO)	1002.0	538.0	-	0.05117
Co-Training (NN)	1107.0	378.0	-	0.001655
Co-Training (C45)	984.5	500.5	-	0.036395
Co-Training (NB)	1308.0	232.0	-	0.000006
Co-Training (SMO)	966.0	574.0	-	0.09933
SETRED	931.5	608.5	-	0.172871
TriTraining (NN)	989.5	550.5	-	0.065007
TriTraining (C45)	705.5	779.5	-	1
TriTraining (NB)	1301.0	239.0	-	0.000008
TriTraining (SMO)	1105.0	435.0	-	0.004939
DE-TriTraining (NN)	948.0	592.0	-	0.134357
DE-TriTraining (C45)	1072.0	468.0	-	0.011175
DE-TriTraining (NB)	1331.0	209.0	-	0.000003
DE-TriTraining (SMO)	1038.0	502.0	-	0.024322
CoForest	748.0	792.0	-	1
Rasco (NN)	1529.0	11.0	-	0
Rasco (C45)	1297.0	188.0	-	0.000002
Rasco (NB)	1344.5	195.5	-	0.000001
Rasco (SMO)	1384.0	156.0	-	0
Co-Bagging (NN)	969.5	570.5	-	0.093451
Co-Bagging (C45)	789.5	695.5	-	0.681578
Co-Bagging (NB)	1289.0	251.0	-	0.000013
Co-Bagging (SMO)	1070.0	470.0	-	0.011811
Rel-Rasco (NN)	1529.0	11.0	-	0
Rel-Rasco (C45)	1365.0	175.0	-	0.000001
Rel-Rasco (NB)	1404.0	136.0	-	0
Rel-Rasco (SMO)	1338.0	147.0	-	0
CLCC	1198.0	342.0	-	0.000326
APSSC	1179.0	361.0	-	0.000601
SNNRCE	853.0	687.0	-	0.484172
ADE-CoForest	997.0	543.0	-	0.056635

Table 25: Results obtained by the Wilcoxon test for algorithm Democratic-Co

9.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0001 , 0.0276]	2
Self-Training (C45)	[-0.00245 , 0.01685]	2
Self-Training (NB)	[0.03715 , 0.06575]	2
Self-Training (SMO)	[0.00235 , 0.02995]	2
Co-Training (NN)	[0.0123 , 0.0504]	2
Co-Training (C45)	[0.00235 , 0.02665]	2
Co-Training (NB)	[0.0171 , 0.0382]	2
Co-Training (SMO)	[0.00005 , 0.02725]	2
SETRED	[-0.00155 , 0.02455]	2
TriTraining (NN)	[0.0014 , 0.0235]	2
TriTraining (C45)	[-0.00745 , 0.00705]	2
TriTraining (NB)	[0.0163 , 0.04055]	2
TriTraining (SMO)	[0.0105 , 0.04075]	2
DE-TriTraining (NN)	[-0.0008 , 0.02095]	2
DE-TriTraining (C45)	[0.00415 , 0.01885]	2
DE-TriTraining (NB)	[0.02315 , 0.04725]	2
DE-TriTraining (SMO)	[0.00295 , 0.02735]	2
CoForest	[-0.01495 , 0.01245]	2
Rasco (NN)	[0.0745 , 0.1243]	2
Rasco (C45)	[0.0353 , 0.07895]	2
Rasco (NB)	[0.0341 , 0.07165]	2
Rasco (SMO)	[0.0541 , 0.1085]	2
Co-Bagging (NN)	[0.00015 , 0.0197]	2
Co-Bagging (C45)	[-0.006 , 0.0114]	2
Co-Bagging (NB)	[0.0208 , 0.04815]	2
Co-Bagging (SMO)	[0.0071 , 0.0331]	2
Rel-Rasco (NN)	[0.0733 , 0.12325]	2
Rel-Rasco (C45)	[0.0353 , 0.0771]	2
Rel-Rasco (NB)	[0.0381 , 0.072]	2
Rel-Rasco (SMO)	[0.05255 , 0.10965]	2
CLCC	[0.01675 , 0.06355]	2
APSSC	[0.02 , 0.0636]	2
SNNRCE	[-0.00625 , 0.0144]	2
ADE-CoForest	[0.00145 , 0.02865]	2

Table 26: Confidence intervals for algorithm Democratic-Co ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.003 , 0.03195]	2
Self-Training (C45)	[-0.0042 , 0.0199]	2
Self-Training (NB)	[0.03485 , 0.0685]	2
Self-Training (SMO)	[-0.0001 , 0.0341]	2
Co-Training (NN)	[0.00905 , 0.05485]	2
Co-Training (C45)	[0.0007 , 0.02855]	2
Co-Training (NB)	[0.01565 , 0.04145]	2
Co-Training (SMO)	[-0.0024 , 0.03145]	2
SETRED	[-0.00415 , 0.0279]	2
TriTraining (NN)	[-0.00095 , 0.02675]	2
TriTraining (C45)	[-0.0093 , 0.00945]	2
TriTraining (NB)	[0.01435 , 0.04355]	2
TriTraining (SMO)	[0.00795 , 0.0456]	2
DE-TriTraining (NN)	[-0.0025 , 0.02515]	2
DE-TriTraining (C45)	[0.00245 , 0.02195]	2
DE-TriTraining (NB)	[0.0212 , 0.0506]	2
DE-TriTraining (SMO)	[0.00135 , 0.0317]	2
CoForest	[-0.0174 , 0.0162]	2
Rasco (NN)	[0.0717 , 0.13135]	2
Rasco (C45)	[0.0321 , 0.08495]	2
Rasco (NB)	[0.0313 , 0.0754]	2
Rasco (SMO)	[0.05085 , 0.1159]	2
Co-Bagging (NN)	[-0.00155 , 0.0238]	2
Co-Bagging (C45)	[-0.00805 , 0.01285]	2
Co-Bagging (NB)	[0.0182 , 0.05055]	2
Co-Bagging (SMO)	[0.00435 , 0.03575]	2
Rel-Rasco (NN)	[0.06895 , 0.1297]	2
Rel-Rasco (C45)	[0.03175 , 0.0826]	2
Rel-Rasco (NB)	[0.0353 , 0.07635]	2
Rel-Rasco (SMO)	[0.04845 , 0.1155]	2
CLCC	[0.01355 , 0.0719]	2
APSSC	[0.01575 , 0.0726]	2
SNNRCE	[-0.0086 , 0.01695]	2
ADE-CoForest	[-0.00045 , 0.0334]	2

Table 27: Confidence intervals for algorithm Democratic-Co ($\alpha=0.95$)

10 Detailed results for SETRED

10.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1097.5	387.5	-	0.002135
Self-Training (C45)	759.5	780.5	-	1
Self-Training (NB)	1100.0	440.0	-	0.005621
Self-Training (SMO)	881.0	659.0	-	0.350197
Co-Training (NN)	1115.0	370.0	-	0.001273
Co-Training (C45)	830.0	655.0	-	0.448142
Co-Training (NB)	952.0	533.0	-	0.070584
Co-Training (SMO)	736.0	804.0	-	1
Democratic-Co	608.5	931.5	-	1
TriTraining (NN)	1002.5	482.5	-	0.024435
TriTraining (C45)	670.0	870.0	-	1
TriTraining (NB)	958.0	582.0	-	0.114254
TriTraining (SMO)	817.0	723.0	-	0.690644
DE-TriTraining (NN)	884.5	655.5	-	0.334774
DE-TriTraining (C45)	803.0	737.0	-	0.778955
DE-TriTraining (NB)	974.5	565.5	-	0.085541
DE-TriTraining (SMO)	801.0	739.0	-	0.791838
CoForest	717.0	823.0	-	1
Rasco (NN)	1535.0	5.0	-	0
Rasco (C45)	1102.0	438.0	-	0.005338
Rasco (NB)	1121.0	419.0	-	0.003197
Rasco (SMO)	1259.0	281.0	-	0.000041
Co-Bagging (NN)	838.0	702.0	-	0.564791
Co-Bagging (C45)	707.0	833.0	-	1
Co-Bagging (NB)	1004.0	536.0	-	0.049441
Co-Bagging (SMO)	780.0	760.0	-	0.92975
Rel-Rasco (NN)	1469.0	16.0	-	0
Rel-Rasco (C45)	1113.0	427.0	-	0.004002
Rel-Rasco (NB)	1105.0	435.0	-	0.004894
Rel-Rasco (SMO)	1245.0	295.0	-	0.000068
CLCC	1064.5	475.5	-	0.013351
APSSC	1148.0	337.0	-	0.000473
SNNRCE	559.0	981.0	-	1
ADE-CoForest	899.0	641.0	-	0.276904

Table 28: Results obtained by the Wilcoxon test for algorithm SETRED

10.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[0.00065 , 0.0037]	2
Self-Training (C45)	[-0.01755 , 0.0148]	2
Self-Training (NB)	[0.01615 , 0.0671]	2
Self-Training (SMO)	[-0.00515 , 0.0252]	2
Co-Training (NN)	[0.0067 , 0.0268]	2
Co-Training (C45)	[-0.0096 , 0.0277]	2
Co-Training (NB)	[0.0017 , 0.04155]	2
Co-Training (SMO)	[-0.01475 , 0.0149]	2
Democratic-Co	[-0.02455 , 0.00155]	2
TriTraining (NN)	[0.00105 , 0.0077]	2
TriTraining (C45)	[-0.02475 , 0.0068]	2
TriTraining (NB)	[-0.0008 , 0.04415]	2
TriTraining (SMO)	[-0.0105 , 0.0365]	2
DE-TriTraining (NN)	[-0.0039 , 0.0174]	2
DE-TriTraining (C45)	[-0.0123 , 0.01535]	2
DE-TriTraining (NB)	[0.00035 , 0.046]	2
DE-TriTraining (SMO)	[-0.00885 , 0.01255]	2
CoForest	[-0.01875 , 0.011]	2
Rasco (NN)	[0.0575 , 0.10895]	2
Rasco (C45)	[0.02255 , 0.08305]	2
Rasco (NB)	[0.0179 , 0.07405]	2
Rasco (SMO)	[0.03905 , 0.10685]	2
Co-Bagging (NN)	[-0.0051 , 0.0098]	2
Co-Bagging (C45)	[-0.02195 , 0.01275]	2
Co-Bagging (NB)	[0.00355 , 0.04865]	2
Co-Bagging (SMO)	[-0.0122 , 0.02885]	2
Rel-Rasco (NN)	[0.05565 , 0.1089]	2
Rel-Rasco (C45)	[0.02265 , 0.0816]	2
Rel-Rasco (NB)	[0.0189 , 0.07285]	2
Rel-Rasco (SMO)	[0.0367 , 0.1104]	2
CLCC	[0.01 , 0.06185]	2
APSSC	[0.01825 , 0.05055]	2
SNNRCE	[-0.00815 , -0.00025]	2
ADE-CoForest	[-0.0036 , 0.0256]	2

Table 29: Confidence intervals for algorithm SETRED ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0004 , 0.0041]	2
Self-Training (C45)	[-0.0207 , 0.0184]	2
Self-Training (NB)	[0.0117 , 0.0732]	2
Self-Training (SMO)	[-0.0071 , 0.02995]	2
Co-Training (NN)	[0.00535 , 0.03]	2
Co-Training (C45)	[-0.01465 , 0.03205]	2
Co-Training (NB)	[-0.0022 , 0.047]	2
Co-Training (SMO)	[-0.01645 , 0.02]	2
Democratic-Co	[-0.0279 , 0.00415]	2
TriTraining (NN)	[0.00045 , 0.0083]	2
TriTraining (C45)	[-0.0273 , 0.00985]	2
TriTraining (NB)	[-0.00525 , 0.0486]	2
TriTraining (SMO)	[-0.01265 , 0.0429]	2
DE-TriTraining (NN)	[-0.0061 , 0.01975]	2
DE-TriTraining (C45)	[-0.01455 , 0.0196]	2
DE-TriTraining (NB)	[-0.00205 , 0.05055]	2
DE-TriTraining (SMO)	[-0.01015 , 0.0154]	2
CoForest	[-0.0215 , 0.0151]	2
Rasco (NN)	[0.05355 , 0.11415]	2
Rasco (C45)	[0.0164 , 0.09095]	2
Rasco (NB)	[0.01335 , 0.08165]	2
Rasco (SMO)	[0.0337 , 0.1154]	2
Co-Bagging (NN)	[-0.0061 , 0.01155]	2
Co-Bagging (C45)	[-0.0253 , 0.0155]	2
Co-Bagging (NB)	[0 , 0.0532]	2
Co-Bagging (SMO)	[-0.0142 , 0.0368]	2
Rel-Rasco (NN)	[0.05315 , 0.1134]	2
Rel-Rasco (C45)	[0.0158 , 0.0903]	2
Rel-Rasco (NB)	[0.0128 , 0.0785]	2
Rel-Rasco (SMO)	[0.032 , 0.11995]	2
CLCC	[0.0058 , 0.0677]	2
APSSC	[0.01415 , 0.0528]	2
SNNRCE	[-0.00895 , 0.00045]	2
ADE-CoForest	[-0.0061 , 0.02935]	2

Table 30: Confidence intervals for algorithm SETRED ($\alpha=0.95$)

11 Detailed results for TriTraining (NN)

11.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	699.5	840.5	-	1
Self-Training (C45)	714.0	826.0	-	1
Self-Training (NB)	1086.0	454.0	-	0.008006
Self-Training (SMO)	820.5	664.5	-	0.498641
Co-Training (NN)	1049.0	491.0	-	0.018939
Co-Training (C45)	849.5	690.5	-	0.502229
Co-Training (NB)	971.5	568.5	-	0.090219
Co-Training (SMO)	735.0	805.0	-	1
Democratic-Co	550.5	989.5	-	1
SETRED	482.5	1002.5	-	1
TriTraining (C45)	598.0	942.0	-	1
TriTraining (NB)	949.0	591.0	-	0.130973
TriTraining (SMO)	820.0	720.0	-	0.671887
DE-TriTraining (NN)	826.5	713.5	-	0.632595
DE-TriTraining (C45)	747.0	793.0	-	1
DE-TriTraining (NB)	984.0	556.0	-	0.072304
DE-TriTraining (SMO)	756.5	783.5	-	1
CoForest	691.0	849.0	-	1
Rasco (NN)	1527.0	13.0	-	0
Rasco (C45)	1117.0	423.0	-	0.003596
Rasco (NB)	1109.5	430.5	-	0.004349
Rasco (SMO)	1270.5	269.5	-	0.000026
Co-Bagging (NN)	742.0	798.0	-	1
Co-Bagging (C45)	665.0	875.0	-	1
Co-Bagging (NB)	998.0	542.0	-	0.055557
Co-Bagging (SMO)	759.5	780.5	-	1
Rel-Rasco (NN)	1516.0	24.0	-	0
Rel-Rasco (C45)	1130.5	409.5	-	0.002463
Rel-Rasco (NB)	1111.0	429.0	-	0.004219
Rel-Rasco (SMO)	1250.0	290.0	-	0.000057
CLCC	1074.0	466.0	-	0.010733
APSSC	1093.0	392.0	-	0.00251
SNNRCE	334.5	1205.5	-	1
ADE-CoForest	832.0	708.0	-	0.600516

Table 31: Results obtained by the Wilcoxon test for algorithm TriTraining (NN)

11.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00355 , 0.00205]	2
Self-Training (C45)	[-0.0176 , 0.00975]	2
Self-Training (NB)	[0.01455 , 0.06175]	2
Self-Training (SMO)	[-0.0067 , 0.02015]	2
Co-Training (NN)	[0.0026 , 0.02435]	2
Co-Training (C45)	[-0.0094 , 0.02325]	2
Co-Training (NB)	[0.0005 , 0.03805]	2
Co-Training (SMO)	[-0.01425 , 0.01145]	2
Democratic-Co	[-0.0235 , -0.0014]	2
SETRED	[-0.0077 , -0.00105]	2
TriTraining (C45)	[-0.02585 , 0.0026]	2
TriTraining (NB)	[-0.0014 , 0.03855]	2
TriTraining (SMO)	[-0.0098 , 0.0262]	2
DE-TriTraining (NN)	[-0.00545 , 0.0108]	2
DE-TriTraining (C45)	[-0.01215 , 0.01075]	2
DE-TriTraining (NB)	[0.00135 , 0.04085]	2
DE-TriTraining (SMO)	[-0.0087 , 0.00895]	2
CoForest	[-0.0188 , 0.00835]	2
Rasco (NN)	[0.0577 , 0.1091]	2
Rasco (C45)	[0.02275 , 0.07835]	2
Rasco (NB)	[0.01705 , 0.06955]	2
Rasco (SMO)	[0.0373 , 0.10295]	2
Co-Bagging (NN)	[-0.00635 , 0.0057]	2
Co-Bagging (C45)	[-0.022 , 0.0075]	2
Co-Bagging (NB)	[0.0036 , 0.0441]	2
Co-Bagging (SMO)	[-0.01185 , 0.0197]	2
Rel-Rasco (NN)	[0.05765 , 0.1077]	2
Rel-Rasco (C45)	[0.02095 , 0.07825]	2
Rel-Rasco (NB)	[0.01735 , 0.0686]	2
Rel-Rasco (SMO)	[0.03545 , 0.10725]	2
CLCC	[0.0089 , 0.0537]	2
APSSC	[0.01375 , 0.04895]	2
SNNRCE	[-0.0127 , -0.0054]	2
ADE-CoForest	[-0.00735 , 0.0214]	2

Table 32: Confidence intervals for algorithm TriTraining (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0044 , 0.00265]	2
Self-Training (C45)	[-0.02015 , 0.0128]	2
Self-Training (NB)	[0.01055 , 0.06815]	2
Self-Training (SMO)	[-0.0088 , 0.0244]	2
Co-Training (NN)	[0.00115 , 0.0275]	2
Co-Training (C45)	[-0.01265 , 0.027]	2
Co-Training (NB)	[-0.0024 , 0.0416]	2
Co-Training (SMO)	[-0.0166 , 0.0152]	2
Democratic-Co	[-0.02675 , 0.00095]	2
SETRED	[-0.0083 , -0.00045]	2
TriTraining (C45)	[-0.02885 , 0.00605]	2
TriTraining (NB)	[-0.00485 , 0.04315]	2
TriTraining (SMO)	[-0.0118 , 0.03375]	2
DE-TriTraining (NN)	[-0.0071 , 0.013]	2
DE-TriTraining (C45)	[-0.01405 , 0.01325]	2
DE-TriTraining (NB)	[-0.0019 , 0.0454]	2
DE-TriTraining (SMO)	[-0.01015 , 0.01165]	2
CoForest	[-0.02155 , 0.01175]	2
Rasco (NN)	[0.05335 , 0.11325]	2
Rasco (C45)	[0.0164 , 0.0859]	2
Rasco (NB)	[0.01395 , 0.0749]	2
Rasco (SMO)	[0.033 , 0.11405]	2
Co-Bagging (NN)	[-0.00725 , 0.00705]	2
Co-Bagging (C45)	[-0.0253 , 0.0108]	2
Co-Bagging (NB)	[-0.001 , 0.04805]	2
Co-Bagging (SMO)	[-0.01375 , 0.02745]	2
Rel-Rasco (NN)	[0.05425 , 0.113]	2
Rel-Rasco (C45)	[0.01565 , 0.085]	2
Rel-Rasco (NB)	[0.01275 , 0.07415]	2
Rel-Rasco (SMO)	[0.0304 , 0.1162]	2
CLCC	[0.0061 , 0.05955]	2
APSSC	[0.0105 , 0.0525]	2
SNNRCE	[-0.0136 , -0.0048]	2
ADE-CoForest	[-0.00935 , 0.0252]	2

Table 33: Confidence intervals for algorithm TriTraining (NN) ($\alpha=0.95$)

12 Detailed results for TriTraining (C45)

12.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	911.0	629.0	-	0.235794
Self-Training (C45)	1096.5	388.5	-	0.002197
Self-Training (NB)	1285.0	255.0	-	0.000015
Self-Training (SMO)	1061.0	479.0	-	0.014592
Co-Training (NN)	1073.0	467.0	-	0.010994
Co-Training (C45)	1290.0	250.0	-	0.000012
Co-Training (NB)	1115.5	424.5	-	0.003672
Co-Training (SMO)	1014.0	526.0	-	0.040506
Democratic-Co	779.5	705.5	-	0.745992
SETRED	870.0	670.0	-	0.399763
TriTraining (NN)	942.0	598.0	-	0.148374
TriTraining (NB)	1111.0	429.0	-	0.004219
TriTraining (SMO)	1067.0	473.0	-	0.012681
DE-TriTraining (NN)	942.5	597.5	-	0.146777
DE-TriTraining (C45)	1137.0	403.0	-	0.002076
DE-TriTraining (NB)	1232.0	308.0	-	0.000105
DE-TriTraining (SMO)	1015.0	470.0	-	0.018744
CoForest	649.0	891.0	-	1
Rasco (NN)	1462.0	23.0	-	0
Rasco (C45)	1432.0	53.0	-	0
Rasco (NB)	1247.0	293.0	-	0.000063
Rasco (SMO)	1410.0	130.0	-	0
Co-Bagging (NN)	937.5	602.5	-	0.158814
Co-Bagging (C45)	881.5	658.5	-	0.346016
Co-Bagging (NB)	1151.0	389.0	-	0.001391
Co-Bagging (SMO)	1056.5	483.5	-	0.016077
Rel-Rasco (NN)	1513.0	27.0	-	0
Rel-Rasco (C45)	1504.0	36.0	-	0
Rel-Rasco (NB)	1258.0	282.0	-	0.000043
Rel-Rasco (SMO)	1411.0	129.0	-	0
CLCC	1123.0	417.0	-	0.003028
APSSC	1114.0	426.0	-	0.003859
SNNRCE	820.0	720.0	-	0.67221
ADE-CoForest	1002.0	538.0	-	0.050926

Table 34: Results obtained by the Wilcoxon test for algorithm TriTraining (C45)

12.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0043 , 0.02755]	2
Self-Training (C45)	[0.00365 , 0.0104]	2
Self-Training (NB)	[0.0336 , 0.06655]	2
Self-Training (SMO)	[0.008 , 0.0387]	2
Co-Training (NN)	[0.01005 , 0.04645]	2
Co-Training (C45)	[0.00605 , 0.01715]	2
Co-Training (NB)	[0.0129 , 0.0431]	2
Co-Training (SMO)	[0.0034 , 0.0331]	2
Democratic-Co	[-0.00705 , 0.00745]	2
SETRED	[-0.0068 , 0.02475]	2
TriTraining (NN)	[-0.0026 , 0.02585]	2
TriTraining (NB)	[0.0136 , 0.04635]	2
TriTraining (SMO)	[0.00985 , 0.046]	2
DE-TriTraining (NN)	[-0.00165 , 0.0264]	2
DE-TriTraining (C45)	[0.00655 , 0.02175]	2
DE-TriTraining (NB)	[0.02305 , 0.0516]	2
DE-TriTraining (SMO)	[0.00565 , 0.034]	2
CoForest	[-0.0187 , 0.0048]	2
Rasco (NN)	[0.0811 , 0.1232]	2
Rasco (C45)	[0.03785 , 0.07705]	2
Rasco (NB)	[0.03005 , 0.07135]	2
Rasco (SMO)	[0.0574 , 0.1064]	2
Co-Bagging (NN)	[-0.0018 , 0.02375]	2
Co-Bagging (C45)	[-0.0008 , 0.00355]	2
Co-Bagging (NB)	[0.01645 , 0.04685]	2
Co-Bagging (SMO)	[0.00775 , 0.03635]	2
Rel-Rasco (NN)	[0.0822 , 0.1242]	2
Rel-Rasco (C45)	[0.03585 , 0.0741]	2
Rel-Rasco (NB)	[0.0309 , 0.0732]	2
Rel-Rasco (SMO)	[0.0566 , 0.11005]	2
CLCC	[0.01725 , 0.0659]	2
APSSC	[0.0178 , 0.06625]	2
SNNRCE	[-0.0098 , 0.01665]	2
ADE-CoForest	[0.0032 , 0.0348]	2

Table 35: Confidence intervals for algorithm TriTraining (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00785 , 0.0309]	2
Self-Training (C45)	[0.00245 , 0.01095]	2
Self-Training (NB)	[0.03095 , 0.0698]	2
Self-Training (SMO)	[0.0054 , 0.04115]	2
Co-Training (NN)	[0.00605 , 0.0523]	2
Co-Training (C45)	[0.00525 , 0.01915]	2
Co-Training (NB)	[0.01015 , 0.04655]	2
Co-Training (SMO)	[0.0011 , 0.03505]	2
Democratic-Co	[-0.00945 , 0.0093]	2
SETRED	[-0.00985 , 0.0273]	2
TriTraining (NN)	[-0.00605 , 0.02885]	2
TriTraining (NB)	[0.0094 , 0.04955]	2
TriTraining (SMO)	[0.0063 , 0.0498]	2
DE-TriTraining (NN)	[-0.0041 , 0.0317]	2
DE-TriTraining (C45)	[0.00535 , 0.02395]	2
DE-TriTraining (NB)	[0.0208 , 0.05485]	2
DE-TriTraining (SMO)	[0.0031 , 0.0373]	2
CoForest	[-0.02075 , 0.00715]	2
Rasco (NN)	[0.0778 , 0.12855]	2
Rasco (C45)	[0.03485 , 0.08435]	2
Rasco (NB)	[0.02675 , 0.07715]	2
Rasco (SMO)	[0.0539 , 0.11265]	2
Co-Bagging (NN)	[-0.00435 , 0.02655]	2
Co-Bagging (C45)	[-0.0012 , 0.00425]	2
Co-Bagging (NB)	[0.01315 , 0.0504]	2
Co-Bagging (SMO)	[0.0045 , 0.0397]	2
Rel-Rasco (NN)	[0.0777 , 0.1287]	2
Rel-Rasco (C45)	[0.03335 , 0.08015]	2
Rel-Rasco (NB)	[0.0273 , 0.07835]	2
Rel-Rasco (SMO)	[0.0525 , 0.11405]	2
CLCC	[0.01365 , 0.07455]	2
APSSC	[0.0136 , 0.07205]	2
SNNRCE	[-0.01195 , 0.0197]	2
ADE-CoForest	[-0.0001 , 0.04155]	2

Table 36: Confidence intervals for algorithm TriTraining (C45) ($\alpha=0.95$)

13 Detailed results for TriTraining (NB)

13.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	595.0	945.0	-	1
Self-Training (C45)	507.0	1033.0	-	1
Self-Training (NB)	1278.5	261.5	-	0.00002
Self-Training (SMO)	654.0	886.0	-	1
Co-Training (NN)	716.0	824.0	-	1
Co-Training (C45)	602.0	938.0	-	1
Co-Training (NB)	907.5	632.5	-	0.246592
Co-Training (SMO)	618.0	922.0	-	1
Democratic-Co	239.0	1301.0	-	1
SETRED	582.0	958.0	-	1
TriTraining (NN)	591.0	949.0	-	1
TriTraining (C45)	429.0	1111.0	-	1
TriTraining (SMO)	799.0	741.0	-	0.804779
DE-TriTraining (NN)	603.0	937.0	-	1
DE-TriTraining (C45)	578.5	961.5	-	1
DE-TriTraining (NB)	818.5	721.5	-	0.681403
DE-TriTraining (SMO)	627.5	912.5	-	1
CoForest	475.0	1065.0	-	1
Rasco (NN)	1324.0	216.0	-	0.000003
Rasco (C45)	994.0	491.0	-	0.030024
Rasco (NB)	1052.0	488.0	-	0.017816
Rasco (SMO)	1149.5	390.5	-	0.001437
Co-Bagging (NN)	584.0	956.0	-	1
Co-Bagging (C45)	466.0	1074.0	-	1
Co-Bagging (NB)	1086.5	398.5	-	0.002984
Co-Bagging (SMO)	731.5	808.5	-	1
Rel-Rasco (NN)	1320.0	220.0	-	0.000004
Rel-Rasco (C45)	1028.0	512.0	-	0.030322
Rel-Rasco (NB)	1093.0	447.0	-	0.006492
Rel-Rasco (SMO)	1134.0	406.0	-	0.002258
CLCC	851.0	689.0	-	0.494701
APSSC	801.0	739.0	-	0.791838
SNNRCE	503.0	1037.0	-	1
ADE-CoForest	602.5	937.5	-	1

Table 37: Results obtained by the Wilcoxon test for algorithm TriTraining (NB)

13.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0424 , 0.0022]	2
Self-Training (C45)	[-0.03875 , -0.00645]	2
Self-Training (NB)	[0.0119 , 0.0254]	2
Self-Training (SMO)	[-0.0348 , 0.00855]	2
Co-Training (NN)	[-0.0279 , 0.0173]	2
Co-Training (C45)	[-0.0338 , 0.00285]	2
Co-Training (NB)	[-0.0018 , 0.0048]	2
Co-Training (SMO)	[-0.0361 , 0.0044]	2
Democratic-Co	[-0.04055 , -0.0163]	2
SETRED	[-0.04415 , 0.0008]	2
TriTraining (NN)	[-0.03855 , 0.0014]	2
TriTraining (C45)	[-0.04635 , -0.0136]	2
TriTraining (SMO)	[-0.0208 , 0.02435]	2
DE-TriTraining (NN)	[-0.0361 , 0.0024]	2
DE-TriTraining (C45)	[-0.0314 , 0.0002]	2
DE-TriTraining (NB)	[-0.00625 , 0.01055]	2
DE-TriTraining (SMO)	[-0.03275 , 0.00565]	2
CoForest	[-0.0505 , -0.01125]	2
Rasco (NN)	[0.04605 , 0.09825]	2
Rasco (C45)	[0.0066 , 0.0596]	2
Rasco (NB)	[0.0038 , 0.0262]	2
Rasco (SMO)	[0.0248 , 0.085]	2
Co-Bagging (NN)	[-0.03715 , 0.0007]	2
Co-Bagging (C45)	[-0.04405 , -0.0101]	2
Co-Bagging (NB)	[0.00305 , 0.01035]	2
Co-Bagging (SMO)	[-0.0244 , 0.0173]	2
Rel-Rasco (NN)	[0.0454 , 0.09655]	2
Rel-Rasco (C45)	[0.0065 , 0.0565]	2
Rel-Rasco (NB)	[0.0031 , 0.0268]	2
Rel-Rasco (SMO)	[0.02345 , 0.085]	2
CLCC	[-0.0093 , 0.02215]	2
APSSC	[-0.0198 , 0.03725]	2
SNNRCE	[-0.0457 , -0.00765]	2
ADE-CoForest	[-0.03355 , 0.00455]	2

Table 38: Confidence intervals for algorithm TriTraining (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0463 , 0.0061]	2
Self-Training (C45)	[-0.04265 , -0.00345]	2
Self-Training (NB)	[0.01065 , 0.0274]	2
Self-Training (SMO)	[-0.0389 , 0.01315]	2
Co-Training (NN)	[-0.03325 , 0.02095]	2
Co-Training (C45)	[-0.0372 , 0.00715]	2
Co-Training (NB)	[-0.0028 , 0.0053]	2
Co-Training (SMO)	[-0.04125 , 0.0081]	2
Democratic-Co	[-0.04355 , -0.01435]	2
SETRED	[-0.0486 , 0.00525]	2
TriTraining (NN)	[-0.04315 , 0.00485]	2
TriTraining (C45)	[-0.04955 , -0.0094]	2
TriTraining (SMO)	[-0.0244 , 0.0301]	2
DE-TriTraining (NN)	[-0.04005 , 0.00755]	2
DE-TriTraining (C45)	[-0.0353 , 0.0038]	2
DE-TriTraining (NB)	[-0.00805 , 0.0136]	2
DE-TriTraining (SMO)	[-0.0365 , 0.0096]	2
CoForest	[-0.0548 , -0.00615]	2
Rasco (NN)	[0.04305 , 0.10595]	2
Rasco (C45)	[0.0026 , 0.06615]	2
Rasco (NB)	[0.0022 , 0.0292]	2
Rasco (SMO)	[0.02055 , 0.09295]	2
Co-Bagging (NN)	[-0.04155 , 0.00525]	2
Co-Bagging (C45)	[-0.04685 , -0.00675]	2
Co-Bagging (NB)	[0.00255 , 0.0112]	2
Co-Bagging (SMO)	[-0.0285 , 0.02215]	2
Rel-Rasco (NN)	[0.0416 , 0.103]	2
Rel-Rasco (C45)	[0.0029 , 0.06205]	2
Rel-Rasco (NB)	[0.002 , 0.03345]	2
Rel-Rasco (SMO)	[0.01825 , 0.0921]	2
CLCC	[-0.0121 , 0.0269]	2
APSSC	[-0.0245 , 0.04595]	2
SNNRCE	[-0.05005 , -0.0043]	2
ADE-CoForest	[-0.0364 , 0.0077]	2

Table 39: Confidence intervals for algorithm TriTraining (NB) ($\alpha=0.95$)

14 Detailed results for TriTraining (SMO)

14.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	745.0	795.0	-	1
Self-Training (C45)	537.0	1003.0	-	1
Self-Training (NB)	925.0	615.0	-	0.192621
Self-Training (SMO)	728.5	756.5	-	1
Co-Training (NN)	852.0	688.0	-	0.489421
Co-Training (C45)	603.0	882.0	-	1
Co-Training (NB)	751.5	788.5	-	1
Co-Training (SMO)	456.0	1029.0	-	1
Democratic-Co	435.0	1105.0	-	1
SETRED	723.0	817.0	-	1
TriTraining (NN)	720.0	820.0	-	1
TriTraining (C45)	473.0	1067.0	-	1
TriTraining (NB)	741.0	799.0	-	1
DE-TriTraining (NN)	700.5	839.5	-	1
DE-TriTraining (C45)	591.0	894.0	-	1
DE-TriTraining (NB)	836.0	704.0	-	0.577409
DE-TriTraining (SMO)	674.5	865.5	-	1
CoForest	566.0	974.0	-	1
Rasco (NN)	1370.0	170.0	-	0
Rasco (C45)	1053.0	487.0	-	0.017534
Rasco (NB)	912.5	627.5	-	0.230377
Rasco (SMO)	1257.0	228.0	-	0.000009
Co-Bagging (NN)	671.5	868.5	-	1
Co-Bagging (C45)	496.0	1044.0	-	1
Co-Bagging (NB)	777.0	763.0	-	0.949895
Co-Bagging (SMO)	589.5	895.5	-	1
Rel-Rasco (NN)	1362.0	178.0	-	0.000001
Rel-Rasco (C45)	1043.0	497.0	-	0.021933
Rel-Rasco (NB)	921.0	619.0	-	0.204316
Rel-Rasco (SMO)	1285.5	254.5	-	0.000015
CLCC	809.5	675.5	-	0.560691
APSSC	892.0	648.0	-	0.304716
SNNRCE	621.0	919.0	-	1
ADE-CoForest	731.5	808.5	-	1

Table 40: Results obtained by the Wilcoxon test for algorithm TriTraining (SMO)

14.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03405 , 0.01265]	2
Self-Training (C45)	[-0.03965 , -0.0034]	2
Self-Training (NB)	[-0.00415 , 0.0383]	2
Self-Training (SMO)	[-0.0075 , 0.00365]	2
Co-Training (NN)	[-0.00995 , 0.0211]	2
Co-Training (C45)	[-0.02935 , 0.0054]	2
Co-Training (NB)	[-0.0233 , 0.01995]	2
Co-Training (SMO)	[-0.01915 , -0.0025]	2
Democratic-Co	[-0.04075 , -0.0105]	2
SETRED	[-0.0365 , 0.0105]	2
TriTraining (NN)	[-0.0262 , 0.0098]	2
TriTraining (C45)	[-0.046 , -0.00985]	2
TriTraining (NB)	[-0.02435 , 0.0208]	2
DE-TriTraining (NN)	[-0.0203 , 0.00995]	2
DE-TriTraining (C45)	[-0.02575 , 0.0032]	2
DE-TriTraining (NB)	[-0.0131 , 0.02665]	2
DE-TriTraining (SMO)	[-0.014 , 0.00435]	2
CoForest	[-0.03955 , -0.0007]	2
Rasco (NN)	[0.05365 , 0.0891]	2
Rasco (C45)	[0.01215 , 0.0581]	2
Rasco (NB)	[-0.00845 , 0.04345]	2
Rasco (SMO)	[0.0238 , 0.0656]	2
Co-Bagging (NN)	[-0.02355 , 0.006]	2
Co-Bagging (C45)	[-0.0403 , -0.00725]	2
Co-Bagging (NB)	[-0.0199 , 0.0218]	2
Co-Bagging (SMO)	[-0.00715 , 0.00045]	2
Rel-Rasco (NN)	[0.051 , 0.0882]	2
Rel-Rasco (C45)	[0.00955 , 0.0563]	2
Rel-Rasco (NB)	[-0.0053 , 0.0447]	2
Rel-Rasco (SMO)	[0.02245 , 0.06525]	2
CLCC	[-0.015 , 0.0422]	2
APSSC	[-0.01355 , 0.0459]	2
SNNRCE	[-0.03845 , 0.004]	2
ADE-CoForest	[-0.02045 , 0.014]	2

Table 41: Confidence intervals for algorithm TriTraining (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04095 , 0.01475]	2
Self-Training (C45)	[-0.04335 , 0.00005]	2
Self-Training (NB)	[-0.00985 , 0.044]	2
Self-Training (SMO)	[-0.009 , 0.0048]	2
Co-Training (NN)	[-0.0158 , 0.0248]	2
Co-Training (C45)	[-0.0338 , 0.00825]	2
Co-Training (NB)	[-0.0283 , 0.0239]	2
Co-Training (SMO)	[-0.02145 , -0.0015]	2
Democratic-Co	[-0.0456 , -0.00795]	2
SETRED	[-0.0429 , 0.01265]	2
TriTraining (NN)	[-0.03375 , 0.0118]	2
TriTraining (C45)	[-0.0498 , -0.0063]	2
TriTraining (NB)	[-0.0301 , 0.0244]	2
DE-TriTraining (NN)	[-0.0239 , 0.0139]	2
DE-TriTraining (C45)	[-0.03075 , 0.0077]	2
DE-TriTraining (NB)	[-0.0171 , 0.0301]	2
DE-TriTraining (SMO)	[-0.0163 , 0.00645]	2
CoForest	[-0.04565 , 0.00225]	2
Rasco (NN)	[0.05075 , 0.0925]	2
Rasco (C45)	[0.0073 , 0.06315]	2
Rasco (NB)	[-0.01385 , 0.04835]	2
Rasco (SMO)	[0.02005 , 0.0689]	2
Co-Bagging (NN)	[-0.0285 , 0.0089]	2
Co-Bagging (C45)	[-0.044 , -0.004]	2
Co-Bagging (NB)	[-0.0239 , 0.0262]	2
Co-Bagging (SMO)	[-0.0081 , 0.00115]	2
Rel-Rasco (NN)	[0.0473 , 0.0925]	2
Rel-Rasco (C45)	[0.0056 , 0.061]	2
Rel-Rasco (NB)	[-0.0102 , 0.0506]	2
Rel-Rasco (SMO)	[0.0193 , 0.06925]	2
CLCC	[-0.01975 , 0.0523]	2
APSSC	[-0.01745 , 0.05065]	2
SNNRCE	[-0.04565 , 0.00595]	2
ADE-CoForest	[-0.02325 , 0.0169]	2

Table 42: Confidence intervals for algorithm TriTraining (SMO) ($\alpha=0.95$)

15 Detailed results for DE-TriTraining (NN)

15.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	706.0	834.0	-	1
Self-Training (C45)	697.5	842.5	-	1
Self-Training (NB)	1112.0	428.0	-	0.004109
Self-Training (SMO)	871.0	669.0	-	0.394595
Co-Training (NN)	969.5	570.5	-	0.093451
Co-Training (C45)	843.0	697.0	-	0.538011
Co-Training (NB)	957.0	583.0	-	0.116188
Co-Training (SMO)	764.0	776.0	-	1
Democratic-Co	592.0	948.0	-	1
SETRED	655.5	884.5	-	1
TriTraining (NN)	713.5	826.5	-	1
TriTraining (C45)	597.5	942.5	-	1
TriTraining (NB)	937.0	603.0	-	0.160496
TriTraining (SMO)	839.5	700.5	-	0.557128
DE-TriTraining (C45)	785.5	699.5	-	0.707398
DE-TriTraining (NB)	1027.5	512.5	-	0.030644
DE-TriTraining (SMO)	702.0	838.0	-	1
CoForest	681.0	859.0	-	1
Rasco (NN)	1478.0	62.0	-	0
Rasco (C45)	1154.5	385.5	-	0.001242
Rasco (NB)	1071.0	469.0	-	0.011533
Rasco (SMO)	1255.0	285.0	-	0.000047
Co-Bagging (NN)	692.0	793.0	-	1
Co-Bagging (C45)	658.0	882.0	-	1
Co-Bagging (NB)	955.5	584.5	-	0.11875
Co-Bagging (SMO)	835.5	704.5	-	0.579877
Rel-Rasco (NN)	1472.0	68.0	-	0
Rel-Rasco (C45)	1173.0	367.0	-	0.000714
Rel-Rasco (NB)	1084.5	455.5	-	0.008242
Rel-Rasco (SMO)	1252.0	288.0	-	0.000053
CLCC	1060.0	480.0	-	0.014934
APSSC	1019.5	520.5	-	0.036008
SNNRCE	570.0	970.0	-	1
ADE-CoForest	797.0	688.0	-	0.635084

Table 43: Results obtained by the Wilcoxon test for algorithm DE-TriTraining (NN)

15.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0132 , 0.00605]	2
Self-Training (C45)	[-0.023 , 0.00895]	2
Self-Training (NB)	[0.017 , 0.0526]	2
Self-Training (SMO)	[-0.0067 , 0.02155]	2
Co-Training (NN)	[0.0003 , 0.018]	2
Co-Training (C45)	[-0.0106 , 0.02045]	2
Co-Training (NB)	[-0.0008 , 0.033]	2
Co-Training (SMO)	[-0.0159 , 0.01465]	2
Democratic-Co	[-0.02095 , 0.0008]	2
SETRED	[-0.0174 , 0.0039]	2
TriTraining (NN)	[-0.0108 , 0.00545]	2
TriTraining (C45)	[-0.0264 , 0.00165]	2
TriTraining (NB)	[-0.0024 , 0.0361]	2
TriTraining (SMO)	[-0.00995 , 0.0203]	2
DE-TriTraining (C45)	[-0.00465 , 0.0062]	2
DE-TriTraining (NB)	[0.0053 , 0.03155]	2
DE-TriTraining (SMO)	[-0.00485 , 0.00255]	2
CoForest	[-0.0198 , 0.00695]	2
Rasco (NN)	[0.05845 , 0.0932]	2
Rasco (C45)	[0.02315 , 0.0641]	2
Rasco (NB)	[0.0121 , 0.0539]	2
Rasco (SMO)	[0.03985 , 0.08895]	2
Co-Bagging (NN)	[-0.00685 , 0.0027]	2
Co-Bagging (C45)	[-0.0252 , 0.0058]	2
Co-Bagging (NB)	[-0.00095 , 0.0391]	2
Co-Bagging (SMO)	[-0.01125 , 0.0182]	2
Rel-Rasco (NN)	[0.0556 , 0.0915]	2
Rel-Rasco (C45)	[0.0241 , 0.0639]	2
Rel-Rasco (NB)	[0.0139 , 0.0542]	2
Rel-Rasco (SMO)	[0.0387 , 0.0892]	2
CLCC	[0.0066 , 0.03515]	2
APSSC	[0.00465 , 0.0405]	2
SNNRCE	[-0.01575 , -0.0002]	2
ADE-CoForest	[-0.0028 , 0.00595]	2

Table 44: Confidence intervals for algorithm DE-TriTraining (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01535 , 0.0076]	2
Self-Training (C45)	[-0.02705 , 0.01155]	2
Self-Training (NB)	[0.0137 , 0.058]	2
Self-Training (SMO)	[-0.00985 , 0.024]	2
Co-Training (NN)	[-0.00125 , 0.02015]	2
Co-Training (C45)	[-0.01475 , 0.0228]	2
Co-Training (NB)	[-0.005 , 0.0369]	2
Co-Training (SMO)	[-0.01975 , 0.0177]	2
Democratic-Co	[-0.02515 , 0.0025]	2
SETRED	[-0.01975 , 0.0061]	2
TriTraining (NN)	[-0.013 , 0.0071]	2
TriTraining (C45)	[-0.0317 , 0.0041]	2
TriTraining (NB)	[-0.00755 , 0.04005]	2
TriTraining (SMO)	[-0.0139 , 0.0239]	2
DE-TriTraining (C45)	[-0.0058 , 0.00705]	2
DE-TriTraining (NB)	[0.00245 , 0.03475]	2
DE-TriTraining (SMO)	[-0.0059 , 0.0035]	2
CoForest	[-0.02245 , 0.00925]	2
Rasco (NN)	[0.0556 , 0.09695]	2
Rasco (C45)	[0.0192 , 0.0691]	2
Rasco (NB)	[0.0091 , 0.0578]	2
Rasco (SMO)	[0.03485 , 0.09465]	2
Co-Bagging (NN)	[-0.0088 , 0.0036]	2
Co-Bagging (C45)	[-0.02985 , 0.00875]	2
Co-Bagging (NB)	[-0.0051 , 0.04295]	2
Co-Bagging (SMO)	[-0.01375 , 0.02165]	2
Rel-Rasco (NN)	[0.0526 , 0.0963]	2
Rel-Rasco (C45)	[0.02035 , 0.06855]	2
Rel-Rasco (NB)	[0.00995 , 0.0602]	2
Rel-Rasco (SMO)	[0.0334 , 0.0966]	2
CLCC	[0.00365 , 0.04065]	2
APSSC	[0.0016 , 0.04445]	2
SNNRCE	[-0.0183 , 0.00095]	2
ADE-CoForest	[-0.0039 , 0.0069]	2

Table 45: Confidence intervals for algorithm DE-TriTraining (NN) ($\alpha=0.95$)

16 Detailed results for DE-TriTraining (C45)

16.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	795.0	745.0	-	0.830643
Self-Training (C45)	629.0	911.0	-	1
Self-Training (NB)	1193.0	347.0	-	0.000388
Self-Training (SMO)	865.0	675.0	-	0.423137
Co-Training (NN)	964.0	576.0	-	0.10318
Co-Training (C45)	799.0	741.0	-	0.804176
Co-Training (NB)	993.5	546.5	-	0.060277
Co-Training (SMO)	800.5	739.5	-	0.794858
Democratic-Co	468.0	1072.0	-	1
SETRED	737.0	803.0	-	1
TriTraining (NN)	793.0	747.0	-	0.843586
TriTraining (C45)	403.0	1137.0	-	1
TriTraining (NB)	961.5	578.5	-	0.107318
TriTraining (SMO)	894.0	591.0	-	0.190141
DE-TriTraining (NN)	699.5	785.5	-	1
DE-TriTraining (NB)	1081.0	459.0	-	0.008912
DE-TriTraining (SMO)	848.0	692.0	-	0.510278
CoForest	562.0	978.0	-	1
Rasco (NN)	1493.0	47.0	-	0
Rasco (C45)	1241.0	299.0	-	0.000077
Rasco (NB)	1112.0	428.0	-	0.004109
Rasco (SMO)	1300.0	240.0	-	0.000009
Co-Bagging (NN)	804.5	735.5	-	0.769097
Co-Bagging (C45)	503.5	1036.5	-	1
Co-Bagging (NB)	1007.0	533.0	-	0.046601
Co-Bagging (SMO)	856.0	629.0	-	0.326314
Rel-Rasco (NN)	1489.0	51.0	-	0
Rel-Rasco (C45)	1280.0	260.0	-	0.000019
Rel-Rasco (NB)	1139.0	401.0	-	0.001962
Rel-Rasco (SMO)	1288.0	252.0	-	0.000014
CLCC	1021.0	464.0	-	0.01618
APSSC	1032.0	508.0	-	0.027852
SNNRCE	693.0	847.0	-	1
ADE-CoForest	768.0	717.0	-	0.822674

Table 46: Results obtained by the Wilcoxon test for algorithm DE-TriTraining (C45)

16.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0128 , 0.0142]	2
Self-Training (C45)	[-0.01475 , 0.00205]	2
Self-Training (NB)	[0.01935 , 0.0494]	2
Self-Training (SMO)	[-0.008 , 0.0208]	2
Co-Training (NN)	[-0.00025 , 0.03125]	2
Co-Training (C45)	[-0.00845 , 0.01105]	2
Co-Training (NB)	[0.0017 , 0.03005]	2
Co-Training (SMO)	[-0.01275 , 0.01425]	2
Democratic-Co	[-0.01885 , -0.00415]	2
SETRED	[-0.01535 , 0.0123]	2
TriTraining (NN)	[-0.01075 , 0.01215]	2
TriTraining (C45)	[-0.02175 , -0.00655]	2
TriTraining (NB)	[-0.0002 , 0.0314]	2
TriTraining (SMO)	[-0.0032 , 0.02575]	2
DE-TriTraining (NN)	[-0.0062 , 0.00465]	2
DE-TriTraining (NB)	[0.0057 , 0.0306]	2
DE-TriTraining (SMO)	[-0.0033 , 0.0107]	2
CoForest	[-0.03045 , -0.00085]	2
Rasco (NN)	[0.05925 , 0.0917]	2
Rasco (C45)	[0.02335 , 0.05345]	2
Rasco (NB)	[0.01465 , 0.05315]	2
Rasco (SMO)	[0.0377 , 0.084]	2
Co-Bagging (NN)	[-0.00645 , 0.0085]	2
Co-Bagging (C45)	[-0.019 , -0.0032]	2
Co-Bagging (NB)	[0.0027 , 0.0342]	2
Co-Bagging (SMO)	[-0.0059 , 0.02245]	2
Rel-Rasco (NN)	[0.0571 , 0.09115]	2
Rel-Rasco (C45)	[0.0229 , 0.04975]	2
Rel-Rasco (NB)	[0.0144 , 0.0543]	2
Rel-Rasco (SMO)	[0.03615 , 0.0865]	2
CLCC	[0.00635 , 0.0367]	2
APSSC	[0.0066 , 0.0476]	2
SNNRCE	[-0.01535 , 0.0059]	2
ADE-CoForest	[-0.0067 , 0.0075]	2

Table 47: Confidence intervals for algorithm DE-TriTraining (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01595 , 0.01645]	2
Self-Training (C45)	[-0.01705 , 0.0037]	2
Self-Training (NB)	[0.01685 , 0.0529]	2
Self-Training (SMO)	[-0.0113 , 0.02465]	2
Co-Training (NN)	[-0.00345 , 0.03445]	2
Co-Training (C45)	[-0.0105 , 0.0129]	2
Co-Training (NB)	[-0.0012 , 0.0328]	2
Co-Training (SMO)	[-0.01615 , 0.0175]	2
Democratic-Co	[-0.02195 , -0.00245]	2
SETRED	[-0.0196 , 0.01455]	2
TriTraining (NN)	[-0.01325 , 0.01405]	2
TriTraining (C45)	[-0.02395 , -0.00535]	2
TriTraining (NB)	[-0.0038 , 0.0353]	2
TriTraining (SMO)	[-0.0077 , 0.03075]	2
DE-TriTraining (NN)	[-0.00705 , 0.0058]	2
DE-TriTraining (NB)	[0.00355 , 0.0325]	2
DE-TriTraining (SMO)	[-0.00475 , 0.01275]	2
CoForest	[-0.03355 , 0.00285]	2
Rasco (NN)	[0.0565 , 0.09505]	2
Rasco (C45)	[0.02025 , 0.05785]	2
Rasco (NB)	[0.01215 , 0.0586]	2
Rasco (SMO)	[0.0338 , 0.0894]	2
Co-Bagging (NN)	[-0.0089 , 0.00985]	2
Co-Bagging (C45)	[-0.02105 , -0.00155]	2
Co-Bagging (NB)	[0.0003 , 0.03745]	2
Co-Bagging (SMO)	[-0.01025 , 0.02525]	2
Rel-Rasco (NN)	[0.0536 , 0.09525]	2
Rel-Rasco (C45)	[0.0196 , 0.05285]	2
Rel-Rasco (NB)	[0.0113 , 0.0597]	2
Rel-Rasco (SMO)	[0.03225 , 0.09245]	2
CLCC	[0.0034 , 0.04075]	2
APSSC	[0.0034 , 0.05355]	2
SNNRCE	[-0.0178 , 0.00815]	2
ADE-CoForest	[-0.00825 , 0.0094]	2

Table 48: Confidence intervals for algorithm DE-TriTraining (C45) ($\alpha=0.95$)

17 Detailed results for DE-TriTraining (NB)

17.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	572.0	913.0	-	1
Self-Training (C45)	398.0	1142.0	-	1
Self-Training (NB)	1140.0	400.0	-	0.001866
Self-Training (SMO)	579.5	960.5	-	1
Co-Training (NN)	736.0	804.0	-	1
Co-Training (C45)	503.5	1036.5	-	1
Co-Training (NB)	754.0	731.0	-	0.91753
Co-Training (SMO)	576.5	963.5	-	1
Democratic-Co	209.0	1331.0	-	1
SETRED	565.5	974.5	-	1
TriTraining (NN)	556.0	984.0	-	1
TriTraining (C45)	308.0	1232.0	-	1
TriTraining (NB)	721.5	818.5	-	1
TriTraining (SMO)	704.0	836.0	-	1
DE-TriTraining (NN)	512.5	1027.5	-	1
DE-TriTraining (C45)	459.0	1081.0	-	1
DE-TriTraining (SMO)	554.5	930.5	-	1
CoForest	453.5	1086.5	-	1
Rasco (NN)	1385.0	155.0	-	0
Rasco (C45)	1063.0	477.0	-	0.013928
Rasco (NB)	933.5	551.5	-	0.098813
Rasco (SMO)	1130.0	410.0	-	0.002524
Co-Bagging (NN)	505.0	1035.0	-	1
Co-Bagging (C45)	331.0	1209.0	-	1
Co-Bagging (NB)	823.0	717.0	-	0.653632
Co-Bagging (SMO)	659.0	881.0	-	1
Rel-Rasco (NN)	1308.0	177.0	-	0.000001
Rel-Rasco (C45)	1033.0	507.0	-	0.027262
Rel-Rasco (NB)	1088.0	452.0	-	0.007554
Rel-Rasco (SMO)	1111.0	429.0	-	0.00418
CLCC	863.0	677.0	-	0.433396
APSSC	776.0	764.0	-	0.956568
SNNRCE	474.5	1065.5	-	1
ADE-CoForest	501.5	1038.5	-	1

Table 49: Results obtained by the Wilcoxon test for algorithm DE-TriTraining (NB)

17.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0425 , 0.00265]	2
Self-Training (C45)	[-0.0452 , -0.01445]	2
Self-Training (NB)	[0.0104 , 0.0262]	2
Self-Training (SMO)	[-0.03415 , 0.00045]	2
Co-Training (NN)	[-0.0222 , 0.0158]	2
Co-Training (C45)	[-0.03435 , -0.00475]	2
Co-Training (NB)	[-0.00895 , 0.00775]	2
Co-Training (SMO)	[-0.0385 , 0.0001]	2
Democratic-Co	[-0.04725 , -0.02315]	2
SETRED	[-0.046 , -0.00035]	2
TriTraining (NN)	[-0.04085 , -0.00135]	2
TriTraining (C45)	[-0.0516 , -0.02305]	2
TriTraining (NB)	[-0.01055 , 0.00625]	2
TriTraining (SMO)	[-0.02665 , 0.0131]	2
DE-TriTraining (NN)	[-0.03155 , -0.0053]	2
DE-TriTraining (C45)	[-0.0306 , -0.0057]	2
DE-TriTraining (SMO)	[-0.0245 , 0.00035]	2
CoForest	[-0.0552 , -0.0139]	2
Rasco (NN)	[0.0435 , 0.078]	2
Rasco (C45)	[0.006 , 0.04455]	2
Rasco (NB)	[0 , 0.02245]	2
Rasco (SMO)	[0.02095 , 0.07095]	2
Co-Bagging (NN)	[-0.0382 , -0.00625]	2
Co-Bagging (C45)	[-0.04725 , -0.0201]	2
Co-Bagging (NB)	[-0.0058 , 0.00885]	2
Co-Bagging (SMO)	[-0.02995 , 0.00815]	2
Rel-Rasco (NN)	[0.04115 , 0.07865]	2
Rel-Rasco (C45)	[0.0064 , 0.04175]	2
Rel-Rasco (NB)	[0.00435 , 0.02125]	2
Rel-Rasco (SMO)	[0.01985 , 0.07105]	2
CLCC	[-0.00695 , 0.017]	2
APSSC	[-0.0205 , 0.03405]	2
SNNRCE	[-0.0485 , -0.00855]	2
ADE-CoForest	[-0.0306 , -0.0048]	2

Table 50: Confidence intervals for algorithm DE-TriTraining (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04675 , 0.0061]	2
Self-Training (C45)	[-0.04895 , -0.0116]	2
Self-Training (NB)	[0.00895 , 0.0279]	2
Self-Training (SMO)	[-0.0385 , 0.0051]	2
Co-Training (NN)	[-0.026 , 0.01995]	2
Co-Training (C45)	[-0.03765 , -0.0022]	2
Co-Training (NB)	[-0.0118 , 0.0094]	2
Co-Training (SMO)	[-0.04235 , 0.0031]	2
Democratic-Co	[-0.0506 , -0.0212]	2
SETRED	[-0.05055 , 0.00205]	2
TriTraining (NN)	[-0.0454 , 0.0019]	2
TriTraining (C45)	[-0.05485 , -0.0208]	2
TriTraining (NB)	[-0.0136 , 0.00805]	2
TriTraining (SMO)	[-0.0301 , 0.0171]	2
DE-TriTraining (NN)	[-0.03475 , -0.00245]	2
DE-TriTraining (C45)	[-0.0325 , -0.00355]	2
DE-TriTraining (SMO)	[-0.02755 , 0.0023]	2
CoForest	[-0.05925 , -0.0094]	2
Rasco (NN)	[0.0403 , 0.08295]	2
Rasco (C45)	[0.00335 , 0.049]	2
Rasco (NB)	[-0.00095 , 0.02655]	2
Rasco (SMO)	[0.0161 , 0.07675]	2
Co-Bagging (NN)	[-0.0421 , -0.0028]	2
Co-Bagging (C45)	[-0.0502 , -0.0175]	2
Co-Bagging (NB)	[-0.00755 , 0.0101]	2
Co-Bagging (SMO)	[-0.0344 , 0.01205]	2
Rel-Rasco (NN)	[0.0378 , 0.0839]	2
Rel-Rasco (C45)	[0.0031 , 0.04485]	2
Rel-Rasco (NB)	[0.00315 , 0.02745]	2
Rel-Rasco (SMO)	[0.01565 , 0.0764]	2
CLCC	[-0.00935 , 0.0193]	2
APSSC	[-0.02575 , 0.0412]	2
SNNRCE	[-0.0527 , -0.00455]	2
ADE-CoForest	[-0.0335 , -0.00245]	2

Table 51: Confidence intervals for algorithm DE-TriTraining (NB) ($\alpha=0.95$)

18 Detailed results for DE-TriTraining (SMO)

18.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	795.0	745.0	-	0.830643
Self-Training (C45)	607.0	933.0	-	1
Self-Training (NB)	1108.0	432.0	-	0.004566
Self-Training (SMO)	789.5	695.5	-	0.682227
Co-Training (NN)	970.5	569.5	-	0.091824
Co-Training (C45)	737.5	802.5	-	1
Co-Training (NB)	921.5	618.5	-	0.202354
Co-Training (SMO)	725.0	815.0	-	1
Democratic-Co	502.0	1038.0	-	1
SETRED	739.0	801.0	-	1
TriTraining (NN)	783.5	756.5	-	0.906427
TriTraining (C45)	470.0	1015.0	-	1
TriTraining (NB)	912.5	627.5	-	0.230377
TriTraining (SMO)	865.5	674.5	-	0.420226
DE-TriTraining (NN)	838.0	702.0	-	0.5652
DE-TriTraining (C45)	692.0	848.0	-	1
DE-TriTraining (NB)	930.5	554.5	-	0.104211
CoForest	618.0	922.0	-	1
Rasco (NN)	1505.0	35.0	-	0
Rasco (C45)	1174.0	366.0	-	0.000692
Rasco (NB)	1067.0	473.0	-	0.012681
Rasco (SMO)	1319.0	221.0	-	0.000004
Co-Bagging (NN)	835.0	650.0	-	0.420269
Co-Bagging (C45)	551.0	989.0	-	1
Co-Bagging (NB)	896.0	589.0	-	0.184848
Co-Bagging (SMO)	829.0	711.0	-	0.618115
Rel-Rasco (NN)	1494.0	46.0	-	0
Rel-Rasco (C45)	1186.0	354.0	-	0.000484
Rel-Rasco (NB)	1114.0	426.0	-	0.003897
Rel-Rasco (SMO)	1313.0	227.0	-	0.000005
CLCC	973.0	567.0	-	0.088188
APSSC	1027.0	513.0	-	0.030969
SNNRCE	669.5	870.5	-	1
ADE-CoForest	812.0	728.0	-	0.721774

Table 52: Results obtained by the Wilcoxon test for algorithm DE-TriTraining (SMO)

18.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00975 , 0.01155]	2
Self-Training (C45)	[-0.029 , 0.002]	2
Self-Training (NB)	[0.0152 , 0.04995]	2
Self-Training (SMO)	[-0.0081 , 0.0143]	2
Co-Training (NN)	[0.00065 , 0.0225]	2
Co-Training (C45)	[-0.0176 , 0.01145]	2
Co-Training (NB)	[-0.0036 , 0.0276]	2
Co-Training (SMO)	[-0.0124 , 0.0078]	2
Democratic-Co	[-0.02735 , -0.00295]	2
SETRED	[-0.01255 , 0.00885]	2
TriTraining (NN)	[-0.00895 , 0.0087]	2
TriTraining (C45)	[-0.034 , -0.00565]	2
TriTraining (NB)	[-0.00565 , 0.03275]	2
TriTraining (SMO)	[-0.00435 , 0.014]	2
DE-TriTraining (NN)	[-0.00255 , 0.00485]	2
DE-TriTraining (C45)	[-0.0107 , 0.0033]	2
DE-TriTraining (NB)	[-0.00035 , 0.0245]	2
CoForest	[-0.0298 , 0.0025]	2
Rasco (NN)	[0.05905 , 0.088]	2
Rasco (C45)	[0.02435 , 0.0642]	2
Rasco (NB)	[0.01185 , 0.0481]	2
Rasco (SMO)	[0.03985 , 0.08515]	2
Co-Bagging (NN)	[-0.00275 , 0.00595]	2
Co-Bagging (C45)	[-0.0302 , -0.0017]	2
Co-Bagging (NB)	[-0.00385 , 0.0339]	2
Co-Bagging (SMO)	[-0.00745 , 0.0127]	2
Rel-Rasco (NN)	[0.0561 , 0.08865]	2
Rel-Rasco (C45)	[0.0241 , 0.061]	2
Rel-Rasco (NB)	[0.01375 , 0.0516]	2
Rel-Rasco (SMO)	[0.0379 , 0.08505]	2
CLCC	[0.00055 , 0.0352]	2
APSSC	[0.0054 , 0.0496]	2
SNNRCE	[-0.01365 , 0.0032]	2
ADE-CoForest	[-0.00465 , 0.0063]	2

Table 53: Confidence intervals for algorithm DE-TriTraining (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0131 , 0.01355]	2
Self-Training (C45)	[-0.03235 , 0.0041]	2
Self-Training (NB)	[0.0111 , 0.05515]	2
Self-Training (SMO)	[-0.0103 , 0.01725]	2
Co-Training (NN)	[-0.0016 , 0.0251]	2
Co-Training (C45)	[-0.02095 , 0.0141]	2
Co-Training (NB)	[-0.00655 , 0.03085]	2
Co-Training (SMO)	[-0.0142 , 0.0096]	2
Democratic-Co	[-0.0317 , -0.00135]	2
SETRED	[-0.0154 , 0.01015]	2
TriTraining (NN)	[-0.01165 , 0.01015]	2
TriTraining (C45)	[-0.0373 , -0.0031]	2
TriTraining (NB)	[-0.0096 , 0.0365]	2
TriTraining (SMO)	[-0.00645 , 0.0163]	2
DE-TriTraining (NN)	[-0.0035 , 0.0059]	2
DE-TriTraining (C45)	[-0.01275 , 0.00475]	2
DE-TriTraining (NB)	[-0.0023 , 0.02755]	2
CoForest	[-0.03335 , 0.00525]	2
Rasco (NN)	[0.05695 , 0.0924]	2
Rasco (C45)	[0.0193 , 0.0701]	2
Rasco (NB)	[0.00785 , 0.05155]	2
Rasco (SMO)	[0.0361 , 0.09055]	2
Co-Bagging (NN)	[-0.00365 , 0.0066]	2
Co-Bagging (C45)	[-0.0341 , 0.0009]	2
Co-Bagging (NB)	[-0.0079 , 0.03895]	2
Co-Bagging (SMO)	[-0.00925 , 0.01565]	2
Rel-Rasco (NN)	[0.05395 , 0.0926]	2
Rel-Rasco (C45)	[0.0195 , 0.06675]	2
Rel-Rasco (NB)	[0.00925 , 0.056]	2
Rel-Rasco (SMO)	[0.03495 , 0.0911]	2
CLCC	[-0.0018 , 0.0425]	2
APSSC	[0.0018 , 0.05285]	2
SNNRCE	[-0.0161 , 0.00425]	2
ADE-CoForest	[-0.00625 , 0.00755]	2

Table 54: Confidence intervals for algorithm DE-TriTraining (SMO) ($\alpha=0.95$)

19 Detailed results for CoForest

19.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	854.0	686.0	-	0.478492
Self-Training (C45)	970.0	570.0	-	0.092635
Self-Training (NB)	1153.5	386.5	-	0.001279
Self-Training (SMO)	979.0	561.0	-	0.079207
Co-Training (NN)	1045.5	494.5	-	0.020618
Co-Training (C45)	1032.0	508.0	-	0.027688
Co-Training (NB)	1055.0	485.0	-	0.016753
Co-Training (SMO)	899.0	641.0	-	0.277912
Democratic-Co	792.0	748.0	-	0.850471
SETRED	823.0	717.0	-	0.653632
TriTraining (NN)	849.0	691.0	-	0.505351
TriTraining (C45)	891.0	649.0	-	0.308681
TriTraining (NB)	1065.0	475.0	-	0.013292
TriTraining (SMO)	974.0	566.0	-	0.086637
DE-TriTraining (NN)	859.0	681.0	-	0.453327
DE-TriTraining (C45)	978.0	562.0	-	0.08065
DE-TriTraining (NB)	1086.5	453.5	-	0.007842
DE-TriTraining (SMO)	922.0	618.0	-	0.200873
Rasco (NN)	1367.0	173.0	-	0.000001
Rasco (C45)	1188.0	352.0	-	0.000448
Rasco (NB)	1126.5	413.5	-	0.002723
Rasco (SMO)	1256.0	284.0	-	0.000045
Co-Bagging (NN)	866.0	674.0	-	0.418786
Co-Bagging (C45)	921.0	619.0	-	0.203842
Co-Bagging (NB)	1095.0	445.0	-	0.006387
Co-Bagging (SMO)	943.0	597.0	-	0.146036
Rel-Rasco (NN)	1357.0	183.0	-	0.000001
Rel-Rasco (C45)	1195.0	345.0	-	0.000364
Rel-Rasco (NB)	1127.5	412.5	-	0.002676
Rel-Rasco (SMO)	1246.0	294.0	-	0.000065
CLCC	1095.5	444.5	-	0.006252
APSSC	978.0	562.0	-	0.08065
SNNRCE	784.5	755.5	-	0.899882
ADE-CoForest	931.0	554.0	-	0.103667

Table 55: Results obtained by the Wilcoxon test for algorithm CoForest

19.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0079 , 0.02065]	2
Self-Training (C45)	[0.00015 , 0.02535]	2
Self-Training (NB)	[0.02545 , 0.07]	2
Self-Training (SMO)	[0.00085 , 0.03195]	2
Co-Training (NN)	[0.00785 , 0.0395]	2
Co-Training (C45)	[0.0067 , 0.03435]	2
Co-Training (NB)	[0.00995 , 0.04935]	2
Co-Training (SMO)	[-0.00615 , 0.02665]	2
Democratic-Co	[-0.01245 , 0.01495]	2
SETRED	[-0.011 , 0.01875]	2
TriTraining (NN)	[-0.00835 , 0.0188]	2
TriTraining (C45)	[-0.0048 , 0.0187]	2
TriTraining (NB)	[0.01125 , 0.0505]	2
TriTraining (SMO)	[0.0007 , 0.03955]	2
DE-TriTraining (NN)	[-0.00695 , 0.0198]	2
DE-TriTraining (C45)	[0.00085 , 0.03045]	2
DE-TriTraining (NB)	[0.0139 , 0.0552]	2
DE-TriTraining (SMO)	[-0.0025 , 0.0298]	2
Rasco (NN)	[0.07445 , 0.1198]	2
Rasco (C45)	[0.0322 , 0.0802]	2
Rasco (NB)	[0.02305 , 0.0767]	2
Rasco (SMO)	[0.0486 , 0.1056]	2
Co-Bagging (NN)	[-0.00775 , 0.0198]	2
Co-Bagging (C45)	[-0.00295 , 0.0221]	2
Co-Bagging (NB)	[0.01535 , 0.0547]	2
Co-Bagging (SMO)	[-0.00175 , 0.03415]	2
Rel-Rasco (NN)	[0.07345 , 0.1182]	2
Rel-Rasco (C45)	[0.03345 , 0.0771]	2
Rel-Rasco (NB)	[0.0251 , 0.0763]	2
Rel-Rasco (SMO)	[0.04635 , 0.1069]	2
CLCC	[0.01005 , 0.0444]	2
APSSC	[0.0017 , 0.05135]	2
SNNRCE	[-0.0121 , 0.0121]	2
ADE-CoForest	[-0.00035 , 0.02595]	2

Table 56: Confidence intervals for algorithm CoForest ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0113 , 0.02325]	2
Self-Training (C45)	[-0.0025 , 0.0281]	2
Self-Training (NB)	[0.02135 , 0.0761]	2
Self-Training (SMO)	[-0.0026 , 0.03525]	2
Co-Training (NN)	[0.0047 , 0.04255]	2
Co-Training (C45)	[0.0043 , 0.037]	2
Co-Training (NB)	[0.0065 , 0.0534]	2
Co-Training (SMO)	[-0.0095 , 0.0303]	2
Democratic-Co	[-0.0162 , 0.0174]	2
SETRED	[-0.0151 , 0.0215]	2
TriTraining (NN)	[-0.01175 , 0.02155]	2
TriTraining (C45)	[-0.00715 , 0.02075]	2
TriTraining (NB)	[0.00615 , 0.0548]	2
TriTraining (SMO)	[-0.00225 , 0.04565]	2
DE-TriTraining (NN)	[-0.00925 , 0.02245]	2
DE-TriTraining (C45)	[-0.00285 , 0.03355]	2
DE-TriTraining (NB)	[0.0094 , 0.05925]	2
DE-TriTraining (SMO)	[-0.00525 , 0.03335]	2
Rasco (NN)	[0.07005 , 0.12475]	2
Rasco (C45)	[0.02775 , 0.0862]	2
Rasco (NB)	[0.0181 , 0.08215]	2
Rasco (SMO)	[0.0434 , 0.11125]	2
Co-Bagging (NN)	[-0.0106 , 0.02325]	2
Co-Bagging (C45)	[-0.00585 , 0.0243]	2
Co-Bagging (NB)	[0.0105 , 0.05925]	2
Co-Bagging (SMO)	[-0.0046 , 0.04025]	2
Rel-Rasco (NN)	[0.0694 , 0.12265]	2
Rel-Rasco (C45)	[0.02995 , 0.08165]	2
Rel-Rasco (NB)	[0.02025 , 0.0822]	2
Rel-Rasco (SMO)	[0.0421 , 0.11595]	2
CLCC	[0.0072 , 0.0504]	2
APSSC	[-0.0034 , 0.0569]	2
SNNRCE	[-0.01405 , 0.01455]	2
ADE-CoForest	[-0.00225 , 0.0287]	2

Table 57: Confidence intervals for algorithm CoForest ($\alpha=0.95$)

20 Detailed results for Rasco (NN)

20.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	15.5	1524.5	-	1
Self-Training (C45)	46.5	1493.5	-	1
Self-Training (NB)	356.0	1184.0	-	1
Self-Training (SMO)	161.0	1379.0	-	1
Co-Training (NN)	174.0	1366.0	-	1
Co-Training (C45)	58.5	1481.5	-	1
Co-Training (NB)	207.0	1333.0	-	1
Co-Training (SMO)	75.0	1465.0	-	1
Democratic-Co	11.0	1529.0	-	1
SETRED	5.0	1535.0	-	1
TriTraining (NN)	13.0	1527.0	-	1
TriTraining (C45)	23.0	1462.0	-	1
TriTraining (NB)	216.0	1324.0	-	1
TriTraining (SMO)	170.0	1370.0	-	1
DE-TriTraining (NN)	62.0	1478.0	-	1
DE-TriTraining (C45)	47.0	1493.0	-	1
DE-TriTraining (NB)	155.0	1385.0	-	1
DE-TriTraining (SMO)	35.0	1505.0	-	1
CoForest	173.0	1367.0	-	1
Rasco (C45)	245.0	1295.0	-	1
Rasco (NB)	325.0	1215.0	-	1
Rasco (SMO)	346.0	1194.0	-	1
Co-Bagging (NN)	25.0	1515.0	-	1
Co-Bagging (C45)	26.0	1514.0	-	1
Co-Bagging (NB)	198.5	1341.5	-	1
Co-Bagging (SMO)	118.0	1422.0	-	1
Rel-Rasco (NN)	608.5	931.5	-	1
Rel-Rasco (C45)	223.0	1317.0	-	1
Rel-Rasco (NB)	344.0	1196.0	-	1
Rel-Rasco (SMO)	384.0	1156.0	-	1
CLCC	382.0	1158.0	-	1
APSSC	389.0	1151.0	-	1
SNNRCE	26.0	1514.0	-	1
ADE-CoForest	187.0	1353.0	-	1

Table 58: Results obtained by the Wilcoxon test for algorithm Rasco (NN)

20.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10695 , -0.05605]	2
Self-Training (C45)	[-0.1179 , -0.07505]	2
Self-Training (NB)	[-0.0765 , -0.02365]	2
Self-Training (SMO)	[-0.09475 , -0.0528]	2
Co-Training (NN)	[-0.09405 , -0.0431]	2
Co-Training (C45)	[-0.10635 , -0.06545]	2
Co-Training (NB)	[-0.0969 , -0.04785]	2
Co-Training (SMO)	[-0.10805 , -0.05985]	2
Democratic-Co	[-0.1243 , -0.0745]	2
SETRED	[-0.10895 , -0.0575]	2
TriTraining (NN)	[-0.1091 , -0.0577]	2
TriTraining (C45)	[-0.1232 , -0.0811]	2
TriTraining (NB)	[-0.09825 , -0.04605]	2
TriTraining (SMO)	[-0.0891 , -0.05365]	2
DE-TriTraining (NN)	[-0.0932 , -0.05845]	2
DE-TriTraining (C45)	[-0.0917 , -0.05925]	2
DE-TriTraining (NB)	[-0.078 , -0.0435]	2
DE-TriTraining (SMO)	[-0.088 , -0.05905]	2
CoForest	[-0.1198 , -0.07445]	2
Rasco (C45)	[-0.05165 , -0.02625]	2
Rasco (NB)	[-0.0752 , -0.03245]	2
Rasco (SMO)	[-0.0311 , -0.0115]	2
Co-Bagging (NN)	[-0.1002 , -0.0626]	2
Co-Bagging (C45)	[-0.12085 , -0.07685]	2
Co-Bagging (NB)	[-0.09345 , -0.0492]	2
Co-Bagging (SMO)	[-0.0921 , -0.0548]	2
Rel-Rasco (NN)	[-0.00425 , 0.00035]	2
Rel-Rasco (C45)	[-0.05465 , -0.02725]	2
Rel-Rasco (NB)	[-0.0744 , -0.0282]	2
Rel-Rasco (SMO)	[-0.03295 , -0.01245]	2
CLCC	[-0.07605 , -0.02795]	2
APSSC	[-0.08775 , -0.0295]	2
SNNRCE	[-0.1142 , -0.06435]	2
ADE-CoForest	[-0.0846 , -0.0522]	2

Table 59: Confidence intervals for algorithm Rasco (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1131 , -0.0525]	2
Self-Training (C45)	[-0.1222 , -0.07095]	2
Self-Training (NB)	[-0.08205 , -0.0209]	2
Self-Training (SMO)	[-0.10055 , -0.05025]	2
Co-Training (NN)	[-0.09975 , -0.03955]	2
Co-Training (C45)	[-0.11045 , -0.0605]	2
Co-Training (NB)	[-0.1048 , -0.04355]	2
Co-Training (SMO)	[-0.1142 , -0.057]	2
Democratic-Co	[-0.13135 , -0.0717]	2
SETRED	[-0.11415 , -0.05355]	2
TriTraining (NN)	[-0.11325 , -0.05335]	2
TriTraining (C45)	[-0.12855 , -0.0778]	2
TriTraining (NB)	[-0.10595 , -0.04305]	2
TriTraining (SMO)	[-0.0925 , -0.05075]	2
DE-TriTraining (NN)	[-0.09695 , -0.0556]	2
DE-TriTraining (C45)	[-0.09505 , -0.0565]	2
DE-TriTraining (NB)	[-0.08295 , -0.0403]	2
DE-TriTraining (SMO)	[-0.0924 , -0.05695]	2
CoForest	[-0.12475 , -0.07005]	2
Rasco (C45)	[-0.0549 , -0.02365]	2
Rasco (NB)	[-0.08065 , -0.0272]	2
Rasco (SMO)	[-0.0328 , -0.01]	2
Co-Bagging (NN)	[-0.1053 , -0.0599]	2
Co-Bagging (C45)	[-0.1252 , -0.0731]	2
Co-Bagging (NB)	[-0.0977 , -0.0452]	2
Co-Bagging (SMO)	[-0.0967 , -0.0523]	2
Rel-Rasco (NN)	[-0.0048 , 0.00085]	2
Rel-Rasco (C45)	[-0.0583 , -0.02505]	2
Rel-Rasco (NB)	[-0.08035 , -0.0253]	2
Rel-Rasco (SMO)	[-0.0355 , -0.01005]	2
CLCC	[-0.07945 , -0.0235]	2
APSSC	[-0.0953 , -0.024]	2
SNNRCE	[-0.1191 , -0.0605]	2
ADE-CoForest	[-0.08775 , -0.0487]	2

Table 60: Confidence intervals for algorithm Rasco (NN) ($\alpha=0.95$)

21 Detailed results for Rasco (C45)

21.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	449.0	1091.0	-	1
Self-Training (C45)	135.5	1349.5	-	1
Self-Training (NB)	685.0	800.0	-	1
Self-Training (SMO)	462.0	1078.0	-	1
Co-Training (NN)	543.5	996.5	-	1
Co-Training (C45)	147.0	1338.0	-	1
Co-Training (NB)	515.0	1025.0	-	1
Co-Training (SMO)	343.5	1141.5	-	1
Democratic-Co	188.0	1297.0	-	1
SETRED	438.0	1102.0	-	1
TriTraining (NN)	423.0	1117.0	-	1
TriTraining (C45)	53.0	1432.0	-	1
TriTraining (NB)	491.0	994.0	-	1
TriTraining (SMO)	487.0	1053.0	-	1
DE-TriTraining (NN)	385.5	1154.5	-	1
DE-TriTraining (C45)	299.0	1241.0	-	1
DE-TriTraining (NB)	477.0	1063.0	-	1
DE-TriTraining (SMO)	366.0	1174.0	-	1
CoForest	352.0	1188.0	-	1
Rasco (NN)	1295.0	245.0	-	0.00001
Rasco (NB)	631.0	909.0	-	1
Rasco (SMO)	1017.0	523.0	-	0.038108
Co-Bagging (NN)	363.0	1122.0	-	1
Co-Bagging (C45)	51.5	1433.5	-	1
Co-Bagging (NB)	473.0	1012.0	-	1
Co-Bagging (SMO)	427.0	1113.0	-	1
Rel-Rasco (NN)	1251.0	234.0	-	0.000012
Rel-Rasco (C45)	684.0	801.0	-	1
Rel-Rasco (NB)	661.5	878.5	-	1
Rel-Rasco (SMO)	992.0	548.0	-	0.06229
CLCC	698.5	841.5	-	1
APSSC	672.0	868.0	-	1
SNNRCE	357.5	1127.5	-	1
ADE-CoForest	511.0	1029.0	-	1

Table 61: Results obtained by the Wilcoxon test for algorithm Rasco (C45)

21.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0782 , -0.0205]	2
Self-Training (C45)	[-0.07215 , -0.028]	2
Self-Training (NB)	[-0.03435 , 0.0157]	2
Self-Training (SMO)	[-0.0665 , -0.01405]	2
Co-Training (NN)	[-0.0657 , -0.00545]	2
Co-Training (C45)	[-0.06065 , -0.0227]	2
Co-Training (NB)	[-0.06215 , -0.0077]	2
Co-Training (SMO)	[-0.0751 , -0.0216]	2
Democratic-Co	[-0.07895 , -0.0353]	2
SETRED	[-0.08305 , -0.02255]	2
TriTraining (NN)	[-0.07835 , -0.02275]	2
TriTraining (C45)	[-0.07705 , -0.03785]	2
TriTraining (NB)	[-0.0596 , -0.0066]	2
TriTraining (SMO)	[-0.0581 , -0.01215]	2
DE-TriTraining (NN)	[-0.0641 , -0.02315]	2
DE-TriTraining (C45)	[-0.05345 , -0.02335]	2
DE-TriTraining (NB)	[-0.04455 , -0.006]	2
DE-TriTraining (SMO)	[-0.0642 , -0.02435]	2
CoForest	[-0.0802 , -0.0322]	2
Rasco (NN)	[0.02625 , 0.05165]	2
Rasco (NB)	[-0.0361 , 0.0065]	2
Rasco (SMO)	[0.00265 , 0.0302]	2
Co-Bagging (NN)	[-0.0716 , -0.02575]	2
Co-Bagging (C45)	[-0.072 , -0.03545]	2
Co-Bagging (NB)	[-0.0568 , -0.00845]	2
Co-Bagging (SMO)	[-0.0642 , -0.0189]	2
Rel-Rasco (NN)	[0.0253 , 0.0512]	2
Rel-Rasco (C45)	[-0.0038 , 0.0017]	2
Rel-Rasco (NB)	[-0.0341 , 0.0083]	2
Rel-Rasco (SMO)	[0.0016 , 0.02915]	2
CLCC	[-0.0381 , 0.01915]	2
APSSC	[-0.0473 , 0.01685]	2
SNNRCE	[-0.08485 , -0.02715]	2
ADE-CoForest	[-0.05755 , -0.00995]	2

Table 62: Confidence intervals for algorithm Rasco (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.08655 , -0.01525]	2
Self-Training (C45)	[-0.0771 , -0.0257]	2
Self-Training (NB)	[-0.0407 , 0.0201]	2
Self-Training (SMO)	[-0.07315 , -0.01]	2
Co-Training (NN)	[-0.0719 , 0.0008]	2
Co-Training (C45)	[-0.0655 , -0.0204]	2
Co-Training (NB)	[-0.0691 , -0.00345]	2
Co-Training (SMO)	[-0.0792 , -0.01765]	2
Democratic-Co	[-0.08495 , -0.0321]	2
SETRED	[-0.09095 , -0.0164]	2
TriTraining (NN)	[-0.0859 , -0.0164]	2
TriTraining (C45)	[-0.08435 , -0.03485]	2
TriTraining (NB)	[-0.06615 , -0.0026]	2
TriTraining (SMO)	[-0.06315 , -0.0073]	2
DE-TriTraining (NN)	[-0.0691 , -0.0192]	2
DE-TriTraining (C45)	[-0.05785 , -0.02025]	2
DE-TriTraining (NB)	[-0.049 , -0.00335]	2
DE-TriTraining (SMO)	[-0.0701 , -0.0193]	2
CoForest	[-0.0862 , -0.02775]	2
Rasco (NN)	[0.02365 , 0.0549]	2
Rasco (NB)	[-0.04235 , 0.0106]	2
Rasco (SMO)	[0.00085 , 0.03315]	2
Co-Bagging (NN)	[-0.07765 , -0.021]	2
Co-Bagging (C45)	[-0.07835 , -0.03275]	2
Co-Bagging (NB)	[-0.0619 , -0.0041]	2
Co-Bagging (SMO)	[-0.07 , -0.0149]	2
Rel-Rasco (NN)	[0.02275 , 0.0544]	2
Rel-Rasco (C45)	[-0.00445 , 0.00225]	2
Rel-Rasco (NB)	[-0.0382 , 0.0135]	2
Rel-Rasco (SMO)	[-0.0006 , 0.03215]	2
CLCC	[-0.04415 , 0.0249]	2
APSSC	[-0.0542 , 0.0235]	2
SNNRCE	[-0.0906 , -0.0223]	2
ADE-CoForest	[-0.0618 , -0.00485]	2

Table 63: Confidence intervals for algorithm Rasco (C45) ($\alpha=0.95$)

22 Detailed results for Rasco (NB)

22.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	444.0	1096.0	-	1
Self-Training (C45)	345.0	1195.0	-	1
Self-Training (NB)	867.0	673.0	-	0.413981
Self-Training (SMO)	530.5	1009.5	-	1
Co-Training (NN)	609.0	931.0	-	1
Co-Training (C45)	431.0	1109.0	-	1
Co-Training (NB)	509.0	976.0	-	1
Co-Training (SMO)	489.0	1051.0	-	1
Democratic-Co	195.5	1344.5	-	1
SETRED	419.0	1121.0	-	1
TriTraining (NN)	430.5	1109.5	-	1
TriTraining (C45)	293.0	1247.0	-	1
TriTraining (NB)	488.0	1052.0	-	1
TriTraining (SMO)	627.5	912.5	-	1
DE-TriTraining (NN)	469.0	1071.0	-	1
DE-TriTraining (C45)	428.0	1112.0	-	1
DE-TriTraining (NB)	551.5	933.5	-	1
DE-TriTraining (SMO)	473.0	1067.0	-	1
CoForest	413.5	1126.5	-	1
Rasco (NN)	1215.0	325.0	-	0.000189
Rasco (C45)	909.0	631.0	-	0.242481
Rasco (SMO)	1052.0	488.0	-	0.017936
Co-Bagging (NN)	406.0	1134.0	-	1
Co-Bagging (C45)	301.5	1238.5	-	1
Co-Bagging (NB)	580.5	959.5	-	1
Co-Bagging (SMO)	596.0	944.0	-	1
Rel-Rasco (NN)	1204.0	336.0	-	0.000272
Rel-Rasco (C45)	911.0	629.0	-	0.235794
Rel-Rasco (NB)	670.0	815.0	-	1
Rel-Rasco (SMO)	1020.5	519.5	-	0.034889
CLCC	694.0	846.0	-	1
APSSC	680.5	859.5	-	1
SNNRCE	374.0	1166.0	-	1
ADE-CoForest	501.0	1039.0	-	1

Table 64: Results obtained by the Wilcoxon test for algorithm Rasco (NB)

22.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07055 , -0.0154]	2
Self-Training (C45)	[-0.0658 , -0.02505]	2
Self-Training (NB)	[-0.00575 , 0.0157]	2
Self-Training (SMO)	[-0.0548 , -0.0059]	2
Co-Training (NN)	[-0.04965 , 0.00425]	2
Co-Training (C45)	[-0.05465 , -0.0143]	2
Co-Training (NB)	[-0.02775 , -0.002]	2
Co-Training (SMO)	[-0.0572 , -0.01115]	2
Democratic-Co	[-0.07165 , -0.0341]	2
SETRED	[-0.07405 , -0.0179]	2
TriTraining (NN)	[-0.06955 , -0.01705]	2
TriTraining (C45)	[-0.07135 , -0.03005]	2
TriTraining (NB)	[-0.0262 , -0.0038]	2
TriTraining (SMO)	[-0.04345 , 0.00845]	2
DE-TriTraining (NN)	[-0.0539 , -0.0121]	2
DE-TriTraining (C45)	[-0.05315 , -0.01465]	2
DE-TriTraining (NB)	[-0.02245 , 0]	2
DE-TriTraining (SMO)	[-0.0481 , -0.01185]	2
CoForest	[-0.0767 , -0.02305]	2
Rasco (NN)	[0.03245 , 0.0752]	2
Rasco (C45)	[-0.0065 , 0.0361]	2
Rasco (SMO)	[0.01015 , 0.05955]	2
Co-Bagging (NN)	[-0.0622 , -0.0185]	2
Co-Bagging (C45)	[-0.06875 , -0.029]	2
Co-Bagging (NB)	[-0.0212 , 0.0002]	2
Co-Bagging (SMO)	[-0.04525 , 0.00285]	2
Rel-Rasco (NN)	[0.03185 , 0.0741]	2
Rel-Rasco (C45)	[-0.0074 , 0.0347]	2
Rel-Rasco (NB)	[-0.0044 , 0.0019]	2
Rel-Rasco (SMO)	[0.00825 , 0.0603]	2
CLCC	[-0.0261 , 0.01215]	2
APSSC	[-0.0397 , 0.0151]	2
SNNRCE	[-0.07655 , -0.0239]	2
ADE-CoForest	[-0.0488 , -0.007]	2

Table 65: Confidence intervals for algorithm Rasco (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07705 , -0.01135]	2
Self-Training (C45)	[-0.06875 , -0.02015]	2
Self-Training (NB)	[-0.0088 , 0.01745]	2
Self-Training (SMO)	[-0.05985 , -0.0006]	2
Co-Training (NN)	[-0.05525 , 0.00845]	2
Co-Training (C45)	[-0.0596 , -0.0113]	2
Co-Training (NB)	[-0.0315 , -0.00005]	2
Co-Training (SMO)	[-0.0628 , -0.0071]	2
Democratic-Co	[-0.0754 , -0.0313]	2
SETRED	[-0.08165 , -0.01335]	2
TriTraining (NN)	[-0.0749 , -0.01395]	2
TriTraining (C45)	[-0.07715 , -0.02675]	2
TriTraining (NB)	[-0.0292 , -0.0022]	2
TriTraining (SMO)	[-0.04835 , 0.01385]	2
DE-TriTraining (NN)	[-0.0578 , -0.0091]	2
DE-TriTraining (C45)	[-0.0586 , -0.01215]	2
DE-TriTraining (NB)	[-0.02655 , 0.00095]	2
DE-TriTraining (SMO)	[-0.05155 , -0.00785]	2
CoForest	[-0.08215 , -0.0181]	2
Rasco (NN)	[0.0272 , 0.08065]	2
Rasco (C45)	[-0.0106 , 0.04235]	2
Rasco (SMO)	[0.0058 , 0.06465]	2
Co-Bagging (NN)	[-0.0664 , -0.01495]	2
Co-Bagging (C45)	[-0.07325 , -0.0247]	2
Co-Bagging (NB)	[-0.0235 , 0.00095]	2
Co-Bagging (SMO)	[-0.0503 , 0.00745]	2
Rel-Rasco (NN)	[0.02655 , 0.0791]	2
Rel-Rasco (C45)	[-0.0111 , 0.0401]	2
Rel-Rasco (NB)	[-0.00505 , 0.0024]	2
Rel-Rasco (SMO)	[0.0033 , 0.0658]	2
CLCC	[-0.0305 , 0.015]	2
APSSC	[-0.0463 , 0.0234]	2
SNNRCE	[-0.08365 , -0.0198]	2
ADE-CoForest	[-0.05305 , -0.0034]	2

Table 66: Confidence intervals for algorithm Rasco (NB) ($\alpha=0.95$)

23 Detailed results for Rasco (SMO)

23.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	293.0	1247.0	-	1
Self-Training (C45)	183.0	1357.0	-	1
Self-Training (NB)	538.0	1002.0	-	1
Self-Training (SMO)	220.0	1320.0	-	1
Co-Training (NN)	425.5	1114.5	-	1
Co-Training (C45)	206.0	1334.0	-	1
Co-Training (NB)	386.0	1154.0	-	1
Co-Training (SMO)	78.0	1462.0	-	1
Democratic-Co	156.0	1384.0	-	1
SETRED	281.0	1259.0	-	1
TriTraining (NN)	269.5	1270.5	-	1
TriTraining (C45)	130.0	1410.0	-	1
TriTraining (NB)	390.5	1149.5	-	1
TriTraining (SMO)	228.0	1257.0	-	1
DE-TriTraining (NN)	285.0	1255.0	-	1
DE-TriTraining (C45)	240.0	1300.0	-	1
DE-TriTraining (NB)	410.0	1130.0	-	1
DE-TriTraining (SMO)	221.0	1319.0	-	1
CoForest	284.0	1256.0	-	1
Rasco (NN)	1194.0	346.0	-	0.000376
Rasco (C45)	523.0	1017.0	-	1
Rasco (NB)	488.0	1052.0	-	1
Co-Bagging (NN)	253.0	1287.0	-	1
Co-Bagging (C45)	124.0	1416.0	-	1
Co-Bagging (NB)	361.0	1179.0	-	1
Co-Bagging (SMO)	170.0	1370.0	-	1
Rel-Rasco (NN)	1124.0	416.0	-	0.002946
Rel-Rasco (C45)	511.0	1029.0	-	1
Rel-Rasco (NB)	502.0	1038.0	-	1
Rel-Rasco (SMO)	774.0	711.0	-	0.782911
CLCC	560.0	980.0	-	1
APSSC	550.0	990.0	-	1
SNNRCE	238.5	1301.5	-	1
ADE-CoForest	368.0	1172.0	-	1

Table 67: Results obtained by the Wilcoxon test for algorithm Rasco (SMO)

23.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1045 , -0.0371]	2
Self-Training (C45)	[-0.10105 , -0.0491]	2
Self-Training (NB)	[-0.0573 , -0.00445]	2
Self-Training (SMO)	[-0.0697 , -0.0274]	2
Co-Training (NN)	[-0.0865 , -0.02345]	2
Co-Training (C45)	[-0.08875 , -0.04365]	2
Co-Training (NB)	[-0.0846 , -0.02745]	2
Co-Training (SMO)	[-0.08135 , -0.03815]	2
Democratic-Co	[-0.1085 , -0.0541]	2
SETRED	[-0.10685 , -0.03905]	2
TriTraining (NN)	[-0.10295 , -0.0373]	2
TriTraining (C45)	[-0.1064 , -0.0574]	2
TriTraining (NB)	[-0.085 , -0.0248]	2
TriTraining (SMO)	[-0.0656 , -0.0238]	2
DE-TriTraining (NN)	[-0.08895 , -0.03985]	2
DE-TriTraining (C45)	[-0.084 , -0.0377]	2
DE-TriTraining (NB)	[-0.07095 , -0.02095]	2
DE-TriTraining (SMO)	[-0.08515 , -0.03985]	2
CoForest	[-0.1056 , -0.0486]	2
Rasco (NN)	[0.0115 , 0.0311]	2
Rasco (C45)	[-0.0302 , -0.00265]	2
Rasco (NB)	[-0.05955 , -0.01015]	2
Co-Bagging (NN)	[-0.09475 , -0.0409]	2
Co-Bagging (C45)	[-0.1045 , -0.053]	2
Co-Bagging (NB)	[-0.0776 , -0.02975]	2
Co-Bagging (SMO)	[-0.06905 , -0.0304]	2
Rel-Rasco (NN)	[0.0093 , 0.03155]	2
Rel-Rasco (C45)	[-0.0338 , -0.0057]	2
Rel-Rasco (NB)	[-0.05675 , -0.0096]	2
Rel-Rasco (SMO)	[-0.0028 , 0.0036]	2
CLCC	[-0.06365 , -0.0024]	2
APSSC	[-0.071 , -0.0041]	2
SNNRCE	[-0.1094 , -0.0454]	2
ADE-CoForest	[-0.0779 , -0.02945]	2

Table 68: Confidence intervals for algorithm Rasco (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1124 , -0.032]	2
Self-Training (C45)	[-0.1085 , -0.0455]	2
Self-Training (NB)	[-0.0631 , 0.0001]	2
Self-Training (SMO)	[-0.0765 , -0.0242]	2
Co-Training (NN)	[-0.0939 , -0.01695]	2
Co-Training (C45)	[-0.0947 , -0.03985]	2
Co-Training (NB)	[-0.0903 , -0.0227]	2
Co-Training (SMO)	[-0.08605 , -0.03375]	2
Democratic-Co	[-0.1159 , -0.05085]	2
SETRED	[-0.1154 , -0.0337]	2
TriTraining (NN)	[-0.11405 , -0.033]	2
TriTraining (C45)	[-0.11265 , -0.0539]	2
TriTraining (NB)	[-0.09295 , -0.02055]	2
TriTraining (SMO)	[-0.0689 , -0.02005]	2
DE-TriTraining (NN)	[-0.09465 , -0.03485]	2
DE-TriTraining (C45)	[-0.0894 , -0.0338]	2
DE-TriTraining (NB)	[-0.07675 , -0.0161]	2
DE-TriTraining (SMO)	[-0.09055 , -0.0361]	2
CoForest	[-0.11125 , -0.0434]	2
Rasco (NN)	[0.01 , 0.0328]	2
Rasco (C45)	[-0.03315 , -0.00085]	2
Rasco (NB)	[-0.06465 , -0.0058]	2
Co-Bagging (NN)	[-0.1032 , -0.036]	2
Co-Bagging (C45)	[-0.10915 , -0.05005]	2
Co-Bagging (NB)	[-0.0831 , -0.02425]	2
Co-Bagging (SMO)	[-0.07255 , -0.02705]	2
Rel-Rasco (NN)	[0.00715 , 0.0346]	2
Rel-Rasco (C45)	[-0.037 , -0.00245]	2
Rel-Rasco (NB)	[-0.063 , -0.00495]	2
Rel-Rasco (SMO)	[-0.00355 , 0.0044]	2
CLCC	[-0.0707 , 0.00495]	2
APSSC	[-0.0794 , 0.0018]	2
SNNRCE	[-0.1193 , -0.04025]	2
ADE-CoForest	[-0.0817 , -0.02495]	2

Table 69: Confidence intervals for algorithm Rasco (SMO) ($\alpha=0.95$)

24 Detailed results for Co-Bagging (NN)

24.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	795.5	744.5	-	0.827374
Self-Training (C45)	709.5	830.5	-	1
Self-Training (NB)	1136.0	404.0	-	0.002135
Self-Training (SMO)	890.5	649.5	-	0.309662
Co-Training (NN)	1059.0	481.0	-	0.01507
Co-Training (C45)	855.0	685.0	-	0.472838
Co-Training (NB)	960.5	579.5	-	0.10916
Co-Training (SMO)	758.0	782.0	-	1
Democratic-Co	570.5	969.5	-	1
SETRED	702.0	838.0	-	1
TriTraining (NN)	798.0	742.0	-	0.811075
TriTraining (C45)	602.5	937.5	-	1
TriTraining (NB)	956.0	584.0	-	0.118147
TriTraining (SMO)	868.5	671.5	-	0.406343
DE-TriTraining (NN)	793.0	692.0	-	0.658853
DE-TriTraining (C45)	735.5	804.5	-	1
DE-TriTraining (NB)	1035.0	505.0	-	0.026115
DE-TriTraining (SMO)	650.0	835.0	-	1
CoForest	674.0	866.0	-	1
Rasco (NN)	1515.0	25.0	-	0
Rasco (C45)	1122.0	363.0	-	0.001055
Rasco (NB)	1134.0	406.0	-	0.002258
Rasco (SMO)	1287.0	253.0	-	0.000015
Co-Bagging (C45)	665.0	875.0	-	1
Co-Bagging (NB)	972.5	567.5	-	0.088638
Co-Bagging (SMO)	817.0	723.0	-	0.690644
Rel-Rasco (NN)	1509.0	31.0	-	0
Rel-Rasco (C45)	1126.0	359.0	-	0.000933
Rel-Rasco (NB)	1097.0	388.0	-	0.002214
Rel-Rasco (SMO)	1274.0	266.0	-	0.000024
CLCC	1009.0	476.0	-	0.021509
APSSC	1058.5	481.5	-	0.015353
SNNRCE	518.0	967.0	-	1
ADE-CoForest	824.5	715.5	-	0.644234

Table 70: Results obtained by the Wilcoxon test for algorithm Co-Bagging (NN)

24.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0056 , 0.00705]	2
Self-Training (C45)	[-0.01715 , 0.01025]	2
Self-Training (NB)	[0.0188 , 0.05945]	2
Self-Training (SMO)	[-0.0048 , 0.02415]	2
Co-Training (NN)	[0.00385 , 0.0222]	2
Co-Training (C45)	[-0.01055 , 0.02275]	2
Co-Training (NB)	[-0.00105 , 0.0346]	2
Co-Training (SMO)	[-0.01435 , 0.01485]	2
Democratic-Co	[-0.0197 , -0.00015]	2
SETRED	[-0.0098 , 0.0051]	2
TriTraining (NN)	[-0.0057 , 0.00635]	2
TriTraining (C45)	[-0.02375 , 0.0018]	2
TriTraining (NB)	[-0.0007 , 0.03715]	2
TriTraining (SMO)	[-0.006 , 0.02355]	2
DE-TriTraining (NN)	[-0.0027 , 0.00685]	2
DE-TriTraining (C45)	[-0.0085 , 0.00645]	2
DE-TriTraining (NB)	[0.00625 , 0.0382]	2
DE-TriTraining (SMO)	[-0.00595 , 0.00275]	2
CoForest	[-0.0198 , 0.00775]	2
Rasco (NN)	[0.0626 , 0.1002]	2
Rasco (C45)	[0.02575 , 0.0716]	2
Rasco (NB)	[0.0185 , 0.0622]	2
Rasco (SMO)	[0.0409 , 0.09475]	2
Co-Bagging (C45)	[-0.02045 , 0.00735]	2
Co-Bagging (NB)	[0.0006 , 0.0404]	2
Co-Bagging (SMO)	[-0.00885 , 0.0184]	2
Rel-Rasco (NN)	[0.06115 , 0.10125]	2
Rel-Rasco (C45)	[0.0232 , 0.0717]	2
Rel-Rasco (NB)	[0.01885 , 0.06045]	2
Rel-Rasco (SMO)	[0.03995 , 0.0979]	2
CLCC	[0.0042 , 0.049]	2
APSSC	[0.00825 , 0.0436]	2
SNNRCE	[-0.01115 , -0.00075]	2
ADE-CoForest	[-0.00415 , 0.01245]	2

Table 71: Confidence intervals for algorithm Co-Bagging (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00775 , 0.00845]	2
Self-Training (C45)	[-0.01985 , 0.01185]	2
Self-Training (NB)	[0.0146 , 0.06635]	2
Self-Training (SMO)	[-0.00745 , 0.02695]	2
Co-Training (NN)	[0.00245 , 0.02555]	2
Co-Training (C45)	[-0.0129 , 0.0258]	2
Co-Training (NB)	[-0.00455 , 0.03815]	2
Co-Training (SMO)	[-0.0166 , 0.0178]	2
Democratic-Co	[-0.0238 , 0.00155]	2
SETRED	[-0.01155 , 0.0061]	2
TriTraining (NN)	[-0.00705 , 0.00725]	2
TriTraining (C45)	[-0.02655 , 0.00435]	2
TriTraining (NB)	[-0.00525 , 0.04155]	2
TriTraining (SMO)	[-0.0089 , 0.0285]	2
DE-TriTraining (NN)	[-0.0036 , 0.0088]	2
DE-TriTraining (C45)	[-0.00985 , 0.0089]	2
DE-TriTraining (NB)	[0.0028 , 0.0421]	2
DE-TriTraining (SMO)	[-0.0066 , 0.00365]	2
CoForest	[-0.02325 , 0.0106]	2
Rasco (NN)	[0.0599 , 0.1053]	2
Rasco (C45)	[0.021 , 0.07765]	2
Rasco (NB)	[0.01495 , 0.0664]	2
Rasco (SMO)	[0.036 , 0.1032]	2
Co-Bagging (C45)	[-0.0236 , 0.00955]	2
Co-Bagging (NB)	[-0.00245 , 0.0441]	2
Co-Bagging (SMO)	[-0.0111 , 0.02515]	2
Rel-Rasco (NN)	[0.0586 , 0.10465]	2
Rel-Rasco (C45)	[0.0201 , 0.07755]	2
Rel-Rasco (NB)	[0.01505 , 0.06805]	2
Rel-Rasco (SMO)	[0.0353 , 0.1076]	2
CLCC	[0.00205 , 0.05735]	2
APSSC	[0.00565 , 0.0473]	2
SNNRCE	[-0.0126 , 0.00005]	2
ADE-CoForest	[-0.0051 , 0.01465]	2

Table 72: Confidence intervals for algorithm Co-Bagging (NN) ($\alpha=0.95$)

25 Detailed results for Co-Bagging (C45)

25.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	864.0	676.0	-	0.428493
Self-Training (C45)	1006.5	533.5	-	0.046834
Self-Training (NB)	1273.0	267.0	-	0.000024
Self-Training (SMO)	1005.0	535.0	-	0.048479
Co-Training (NN)	1025.0	515.0	-	0.031756
Co-Training (C45)	1114.5	370.5	-	0.001324
Co-Training (NB)	1057.5	482.5	-	0.015711
Co-Training (SMO)	966.0	574.0	-	0.099685
Democratic-Co	695.5	789.5	-	1
SETRED	833.0	707.0	-	0.5947
TriTraining (NN)	875.0	665.0	-	0.37623
TriTraining (C45)	658.5	881.5	-	1
TriTraining (NB)	1074.0	466.0	-	0.010733
TriTraining (SMO)	1044.0	496.0	-	0.021453
DE-TriTraining (NN)	882.0	658.0	-	0.345892
DE-TriTraining (C45)	1036.5	503.5	-	0.024824
DE-TriTraining (NB)	1209.0	331.0	-	0.000231
DE-TriTraining (SMO)	989.0	551.0	-	0.065902
CoForest	619.0	921.0	-	1
Rasco (NN)	1514.0	26.0	-	0
Rasco (C45)	1433.5	51.5	-	0
Rasco (NB)	1238.5	301.5	-	0.000084
Rasco (SMO)	1416.0	124.0	-	0
Co-Bagging (NN)	875.0	665.0	-	0.37673
Co-Bagging (NB)	1138.0	402.0	-	0.002019
Co-Bagging (SMO)	1030.0	510.0	-	0.028228
Rel-Rasco (NN)	1515.0	25.0	-	0
Rel-Rasco (C45)	1501.0	39.0	-	0
Rel-Rasco (NB)	1245.5	294.5	-	0.000064
Rel-Rasco (SMO)	1414.0	126.0	-	0
CLCC	1084.0	456.0	-	0.008412
APSSC	1074.0	466.0	-	0.010733
SNNRCE	775.0	765.0	-	0.963245
ADE-CoForest	930.0	610.0	-	0.178704

Table 73: Results obtained by the Wilcoxon test for algorithm Co-Bagging (C45)

25.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0104 , 0.0252]	2
Self-Training (C45)	[0.0007 , 0.009]	2
Self-Training (NB)	[0.0306 , 0.0645]	2
Self-Training (SMO)	[0.0032 , 0.03305]	2
Co-Training (NN)	[0.00665 , 0.0445]	2
Co-Training (C45)	[0.00535 , 0.0158]	2
Co-Training (NB)	[0.008 , 0.04095]	2
Co-Training (SMO)	[0.00015 , 0.02675]	2
Democratic-Co	[-0.0114 , 0.006]	2
SETRED	[-0.01275 , 0.02195]	2
TriTraining (NN)	[-0.0075 , 0.022]	2
TriTraining (C45)	[-0.00355 , 0.0008]	2
TriTraining (NB)	[0.0101 , 0.04405]	2
TriTraining (SMO)	[0.00725 , 0.0403]	2
DE-TriTraining (NN)	[-0.0058 , 0.0252]	2
DE-TriTraining (C45)	[0.0032 , 0.019]	2
DE-TriTraining (NB)	[0.0201 , 0.04725]	2
DE-TriTraining (SMO)	[0.0017 , 0.0302]	2
CoForest	[-0.0221 , 0.00295]	2
Rasco (NN)	[0.07685 , 0.12085]	2
Rasco (C45)	[0.03545 , 0.072]	2
Rasco (NB)	[0.029 , 0.06875]	2
Rasco (SMO)	[0.053 , 0.1045]	2
Co-Bagging (NN)	[-0.00735 , 0.02045]	2
Co-Bagging (NB)	[0.0141 , 0.04265]	2
Co-Bagging (SMO)	[0.00525 , 0.0311]	2
Rel-Rasco (NN)	[0.07675 , 0.12155]	2
Rel-Rasco (C45)	[0.0338 , 0.0715]	2
Rel-Rasco (NB)	[0.02985 , 0.0695]	2
Rel-Rasco (SMO)	[0.05205 , 0.1054]	2
CLCC	[0.01315 , 0.0651]	2
APSSC	[0.0141 , 0.0649]	2
SNNRCE	[-0.01395 , 0.0138]	2
ADE-CoForest	[-0.00225 , 0.03335]	2

Table 74: Confidence intervals for algorithm Co-Bagging (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0141 , 0.0291]	2
Self-Training (C45)	[0.00005 , 0.0097]	2
Self-Training (NB)	[0.0282 , 0.0683]	2
Self-Training (SMO)	[0.00005 , 0.0367]	2
Co-Training (NN)	[0.00265 , 0.05015]	2
Co-Training (C45)	[0.00415 , 0.01705]	2
Co-Training (NB)	[0.0055 , 0.045]	2
Co-Training (SMO)	[-0.0021 , 0.02985]	2
Democratic-Co	[-0.01285 , 0.00805]	2
SETRED	[-0.0155 , 0.0253]	2
TriTraining (NN)	[-0.0108 , 0.0253]	2
TriTraining (C45)	[-0.00425 , 0.0012]	2
TriTraining (NB)	[0.00675 , 0.04685]	2
TriTraining (SMO)	[0.004 , 0.044]	2
DE-TriTraining (NN)	[-0.00875 , 0.02985]	2
DE-TriTraining (C45)	[0.00155 , 0.02105]	2
DE-TriTraining (NB)	[0.0175 , 0.0502]	2
DE-TriTraining (SMO)	[-0.0009 , 0.0341]	2
CoForest	[-0.0243 , 0.00585]	2
Rasco (NN)	[0.0731 , 0.1252]	2
Rasco (C45)	[0.03275 , 0.07835]	2
Rasco (NB)	[0.0247 , 0.07325]	2
Rasco (SMO)	[0.05005 , 0.10915]	2
Co-Bagging (NN)	[-0.00955 , 0.0236]	2
Co-Bagging (NB)	[0.01105 , 0.04755]	2
Co-Bagging (SMO)	[0.00205 , 0.03475]	2
Rel-Rasco (NN)	[0.07255 , 0.1255]	2
Rel-Rasco (C45)	[0.0316 , 0.0754]	2
Rel-Rasco (NB)	[0.02625 , 0.07455]	2
Rel-Rasco (SMO)	[0.0474 , 0.11215]	2
CLCC	[0.0097 , 0.07535]	2
APSSC	[0.01005 , 0.072]	2
SNNRCE	[-0.01685 , 0.0172]	2
ADE-CoForest	[-0.0043 , 0.03965]	2

Table 75: Confidence intervals for algorithm Co-Bagging (C45) ($\alpha=0.95$)

26 Detailed results for Co-Bagging (NB)

26.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	561.0	979.0	-	1
Self-Training (C45)	439.5	1100.5	-	1
Self-Training (NB)	1120.0	365.0	-	0.001121
Self-Training (SMO)	620.0	865.0	-	1
Co-Training (NN)	669.0	871.0	-	1
Co-Training (C45)	566.5	973.5	-	1
Co-Training (NB)	606.0	934.0	-	1
Co-Training (SMO)	607.0	933.0	-	1
Democratic-Co	251.0	1289.0	-	1
SETRED	536.0	1004.0	-	1
TriTraining (NN)	542.0	998.0	-	1
TriTraining (C45)	389.0	1151.0	-	1
TriTraining (NB)	398.5	1086.5	-	1
TriTraining (SMO)	763.0	777.0	-	1
DE-TriTraining (NN)	584.5	955.5	-	1
DE-TriTraining (C45)	533.0	1007.0	-	1
DE-TriTraining (NB)	717.0	823.0	-	1
DE-TriTraining (SMO)	589.0	896.0	-	1
CoForest	445.0	1095.0	-	1
Rasco (NN)	1341.5	198.5	-	0.000002
Rasco (C45)	1012.0	473.0	-	0.020085
Rasco (NB)	959.5	580.5	-	0.110653
Rasco (SMO)	1179.0	361.0	-	0.000601
Co-Bagging (NN)	567.5	972.5	-	1
Co-Bagging (C45)	402.0	1138.0	-	1
Co-Bagging (SMO)	717.0	823.0	-	1
Rel-Rasco (NN)	1339.0	201.0	-	0.000002
Rel-Rasco (C45)	1059.0	481.0	-	0.015284
Rel-Rasco (NB)	910.0	630.0	-	0.238137
Rel-Rasco (SMO)	1153.0	387.0	-	0.001313
CLCC	838.0	702.0	-	0.566015
APSSC	755.0	785.0	-	1
SNNRCE	480.5	1004.5	-	1
ADE-CoForest	580.0	960.0	-	1

Table 76: Results obtained by the Wilcoxon test for algorithm Co-Bagging (NB)

26.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0463 , -0.00115]	2
Self-Training (C45)	[-0.0398 , -0.0094]	2
Self-Training (NB)	[0.00735 , 0.02045]	2
Self-Training (SMO)	[-0.0371 , 0.0072]	2
Co-Training (NN)	[-0.0298 , 0.01385]	2
Co-Training (C45)	[-0.0346 , -0.0009]	2
Co-Training (NB)	[-0.0117 , 0.0008]	2
Co-Training (SMO)	[-0.04065 , 0.0029]	2
Democratic-Co	[-0.04815 , -0.0208]	2
SETRED	[-0.04865 , -0.00355]	2
TriTraining (NN)	[-0.0441 , -0.0036]	2
TriTraining (C45)	[-0.04685 , -0.01645]	2
TriTraining (NB)	[-0.01035 , -0.00305]	2
TriTraining (SMO)	[-0.0218 , 0.0199]	2
DE-TriTraining (NN)	[-0.0391 , 0.00095]	2
DE-TriTraining (C45)	[-0.0342 , -0.0027]	2
DE-TriTraining (NB)	[-0.00885 , 0.0058]	2
DE-TriTraining (SMO)	[-0.0339 , 0.00385]	2
CoForest	[-0.0547 , -0.01535]	2
Rasco (NN)	[0.0492 , 0.09345]	2
Rasco (C45)	[0.00845 , 0.0568]	2
Rasco (NB)	[-0.0002 , 0.0212]	2
Rasco (SMO)	[0.02975 , 0.0776]	2
Co-Bagging (NN)	[-0.0404 , -0.0006]	2
Co-Bagging (C45)	[-0.04265 , -0.0141]	2
Co-Bagging (SMO)	[-0.0237 , 0.01265]	2
Rel-Rasco (NN)	[0.0477 , 0.09275]	2
Rel-Rasco (C45)	[0.00925 , 0.051]	2
Rel-Rasco (NB)	[-0.0014 , 0.01755]	2
Rel-Rasco (SMO)	[0.0263 , 0.0777]	2
CLCC	[-0.01125 , 0.02195]	2
APSSC	[-0.02345 , 0.0347]	2
SNNRCE	[-0.05095 , -0.00965]	2
ADE-CoForest	[-0.0361 , 0.00065]	2

Table 77: Confidence intervals for algorithm Co-Bagging (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.05115 , 0.00355]	2
Self-Training (C45)	[-0.044 , -0.00785]	2
Self-Training (NB)	[0.0063 , 0.0221]	2
Self-Training (SMO)	[-0.04215 , 0.0123]	2
Co-Training (NN)	[-0.03585 , 0.01865]	2
Co-Training (C45)	[-0.0383 , 0.0027]	2
Co-Training (NB)	[-0.0135 , 0.00175]	2
Co-Training (SMO)	[-0.04545 , 0.00695]	2
Democratic-Co	[-0.05055 , -0.0182]	2
SETRED	[-0.0532 , -0]	2
TriTraining (NN)	[-0.04805 , 0.001]	2
TriTraining (C45)	[-0.0504 , -0.01315]	2
TriTraining (NB)	[-0.0112 , -0.00255]	2
TriTraining (SMO)	[-0.0262 , 0.0239]	2
DE-TriTraining (NN)	[-0.04295 , 0.0051]	2
DE-TriTraining (C45)	[-0.03745 , -0.0003]	2
DE-TriTraining (NB)	[-0.0101 , 0.00755]	2
DE-TriTraining (SMO)	[-0.03895 , 0.0079]	2
CoForest	[-0.05925 , -0.0105]	2
Rasco (NN)	[0.0452 , 0.0977]	2
Rasco (C45)	[0.0041 , 0.0619]	2
Rasco (NB)	[-0.00095 , 0.0235]	2
Rasco (SMO)	[0.02425 , 0.0831]	2
Co-Bagging (NN)	[-0.0441 , 0.00245]	2
Co-Bagging (C45)	[-0.04755 , -0.01105]	2
Co-Bagging (SMO)	[-0.0275 , 0.01595]	2
Rel-Rasco (NN)	[0.04445 , 0.097]	2
Rel-Rasco (C45)	[0.00565 , 0.0558]	2
Rel-Rasco (NB)	[-0.0026 , 0.0212]	2
Rel-Rasco (SMO)	[0.0204 , 0.08395]	2
CLCC	[-0.01595 , 0.0265]	2
APSSC	[-0.03 , 0.0406]	2
SNNRCE	[-0.0559 , -0.0044]	2
ADE-CoForest	[-0.0399 , 0.0052]	2

Table 78: Confidence intervals for algorithm Co-Bagging (NB) ($\alpha=0.95$)

27 Detailed results for Co-Bagging (SMO)

27.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	760.0	780.0	-	1
Self-Training (C45)	579.5	960.5	-	1
Self-Training (NB)	986.0	554.0	-	0.069685
Self-Training (SMO)	783.0	702.0	-	0.723503
Co-Training (NN)	866.5	673.5	-	0.415891
Co-Training (C45)	687.0	853.0	-	1
Co-Training (NB)	795.0	745.0	-	0.830643
Co-Training (SMO)	609.5	930.5	-	1
Democratic-Co	470.0	1070.0	-	1
SETRED	760.0	780.0	-	1
TriTraining (NN)	780.5	759.5	-	0.926491
TriTraining (C45)	483.5	1056.5	-	1
TriTraining (NB)	808.5	731.5	-	0.743588
TriTraining (SMO)	895.5	589.5	-	0.184856
DE-TriTraining (NN)	704.5	835.5	-	1
DE-TriTraining (C45)	629.0	856.0	-	1
DE-TriTraining (NB)	881.0	659.0	-	0.350197
DE-TriTraining (SMO)	711.0	829.0	-	1
CoForest	597.0	943.0	-	1
Rasco (NN)	1422.0	118.0	-	0
Rasco (C45)	1113.0	427.0	-	0.004002
Rasco (NB)	944.0	596.0	-	0.143726
Rasco (SMO)	1370.0	170.0	-	0
Co-Bagging (NN)	723.0	817.0	-	1
Co-Bagging (C45)	510.0	1030.0	-	1
Co-Bagging (NB)	823.0	717.0	-	0.653971
Rel-Rasco (NN)	1393.0	147.0	-	0
Rel-Rasco (C45)	1105.0	435.0	-	0.004939
Rel-Rasco (NB)	966.5	573.5	-	0.098472
Rel-Rasco (SMO)	1353.0	187.0	-	0.000001
CLCC	846.0	639.0	-	0.37054
APSSC	919.5	620.5	-	0.208356
SNNRCE	663.5	876.5	-	1
ADE-CoForest	738.0	747.0	-	1

Table 79: Results obtained by the Wilcoxon test for algorithm Co-Bagging (SMO)

27.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02695 , 0.01365]	2
Self-Training (C45)	[-0.0302 , 0.0003]	2
Self-Training (NB)	[0.00295 , 0.0441]	2
Self-Training (SMO)	[-0.0029 , 0.00655]	2
Co-Training (NN)	[-0.00915 , 0.02185]	2
Co-Training (C45)	[-0.02165 , 0.00825]	2
Co-Training (NB)	[-0.01585 , 0.02015]	2
Co-Training (SMO)	[-0.01125 , 0.0014]	2
Democratic-Co	[-0.0331 , -0.0071]	2
SETRED	[-0.02885 , 0.0122]	2
TriTraining (NN)	[-0.0197 , 0.01185]	2
TriTraining (C45)	[-0.03635 , -0.00775]	2
TriTraining (NB)	[-0.0173 , 0.0244]	2
TriTraining (SMO)	[-0.00045 , 0.00715]	2
DE-TriTraining (NN)	[-0.0182 , 0.01125]	2
DE-TriTraining (C45)	[-0.02245 , 0.0059]	2
DE-TriTraining (NB)	[-0.00815 , 0.02995]	2
DE-TriTraining (SMO)	[-0.0127 , 0.00745]	2
CoForest	[-0.03415 , 0.00175]	2
Rasco (NN)	[0.0548 , 0.0921]	2
Rasco (C45)	[0.0189 , 0.0642]	2
Rasco (NB)	[-0.00285 , 0.04525]	2
Rasco (SMO)	[0.0304 , 0.06905]	2
Co-Bagging (NN)	[-0.0184 , 0.00885]	2
Co-Bagging (C45)	[-0.0311 , -0.00525]	2
Co-Bagging (NB)	[-0.01265 , 0.0237]	2
Rel-Rasco (NN)	[0.0541 , 0.0924]	2
Rel-Rasco (C45)	[0.01625 , 0.0632]	2
Rel-Rasco (NB)	[0.00015 , 0.0487]	2
Rel-Rasco (SMO)	[0.02915 , 0.07125]	2
CLCC	[-0.00875 , 0.0375]	2
APSSC	[-0.0077 , 0.04835]	2
SNNRCE	[-0.031 , 0.0052]	2
ADE-CoForest	[-0.0168 , 0.0144]	2

Table 80: Confidence intervals for algorithm Co-Bagging (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0345 , 0.01645]	2
Self-Training (C45)	[-0.0339 , 0.00335]	2
Self-Training (NB)	[-0.0022 , 0.04975]	2
Self-Training (SMO)	[-0.00375 , 0.008]	2
Co-Training (NN)	[-0.0129 , 0.0258]	2
Co-Training (C45)	[-0.02475 , 0.0113]	2
Co-Training (NB)	[-0.0208 , 0.02515]	2
Co-Training (SMO)	[-0.01375 , 0.00255]	2
Democratic-Co	[-0.03575 , -0.00435]	2
SETRED	[-0.0368 , 0.0142]	2
TriTraining (NN)	[-0.02745 , 0.01375]	2
TriTraining (C45)	[-0.0397 , -0.0045]	2
TriTraining (NB)	[-0.02215 , 0.0285]	2
TriTraining (SMO)	[-0.00115 , 0.0081]	2
DE-TriTraining (NN)	[-0.02165 , 0.01375]	2
DE-TriTraining (C45)	[-0.02525 , 0.01025]	2
DE-TriTraining (NB)	[-0.01205 , 0.0344]	2
DE-TriTraining (SMO)	[-0.01565 , 0.00925]	2
CoForest	[-0.04025 , 0.0046]	2
Rasco (NN)	[0.0523 , 0.0967]	2
Rasco (C45)	[0.0149 , 0.07]	2
Rasco (NB)	[-0.00745 , 0.0503]	2
Rasco (SMO)	[0.02705 , 0.07255]	2
Co-Bagging (NN)	[-0.02515 , 0.0111]	2
Co-Bagging (C45)	[-0.03475 , -0.00205]	2
Co-Bagging (NB)	[-0.01595 , 0.0275]	2
Rel-Rasco (NN)	[0.05055 , 0.0972]	2
Rel-Rasco (C45)	[0.01155 , 0.0676]	2
Rel-Rasco (NB)	[-0.00445 , 0.05295]	2
Rel-Rasco (SMO)	[0.02645 , 0.0752]	2
CLCC	[-0.0123 , 0.04495]	2
APSSC	[-0.0145 , 0.05315]	2
SNNRCE	[-0.03905 , 0.00705]	2
ADE-CoForest	[-0.0191 , 0.01745]	2

Table 81: Confidence intervals for algorithm Co-Bagging (SMO) ($\alpha=0.95$)

28 Detailed results for Rel-Rasco (NN)

28.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	34.0	1451.0	-	1
Self-Training (C45)	51.0	1489.0	-	1
Self-Training (NB)	386.0	1154.0	-	1
Self-Training (SMO)	186.0	1354.0	-	1
Co-Training (NN)	183.0	1302.0	-	1
Co-Training (C45)	75.0	1465.0	-	1
Co-Training (NB)	212.0	1328.0	-	1
Co-Training (SMO)	104.0	1436.0	-	1
Democratic-Co	11.0	1529.0	-	1
SETRED	16.0	1469.0	-	1
TriTraining (NN)	24.0	1516.0	-	1
TriTraining (C45)	27.0	1513.0	-	1
TriTraining (NB)	220.0	1320.0	-	1
TriTraining (SMO)	178.0	1362.0	-	1
DE-TriTraining (NN)	68.0	1472.0	-	1
DE-TriTraining (C45)	51.0	1489.0	-	1
DE-TriTraining (NB)	177.0	1308.0	-	1
DE-TriTraining (SMO)	46.0	1494.0	-	1
CoForest	183.0	1357.0	-	1
Rasco (NN)	931.5	608.5	-	0.17242
Rasco (C45)	234.0	1251.0	-	1
Rasco (NB)	336.0	1204.0	-	1
Rasco (SMO)	416.0	1124.0	-	1
Co-Bagging (NN)	31.0	1509.0	-	1
Co-Bagging (C45)	25.0	1515.0	-	1
Co-Bagging (NB)	201.0	1339.0	-	1
Co-Bagging (SMO)	147.0	1393.0	-	1
Rel-Rasco (C45)	230.0	1310.0	-	1
Rel-Rasco (NB)	358.0	1182.0	-	1
Rel-Rasco (SMO)	396.5	1088.5	-	1
CLCC	396.0	1144.0	-	1
APSSC	404.0	1136.0	-	1
SNNRCE	26.0	1514.0	-	1
ADE-CoForest	200.0	1340.0	-	1

Table 82: Results obtained by the Wilcoxon test for algorithm Rel-Rasco (NN)

28.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10615 , -0.05535]	2
Self-Training (C45)	[-0.1161 , -0.0738]	2
Self-Training (NB)	[-0.07285 , -0.0238]	2
Self-Training (SMO)	[-0.09395 , -0.0508]	2
Co-Training (NN)	[-0.0925 , -0.0444]	2
Co-Training (C45)	[-0.10585 , -0.0634]	2
Co-Training (NB)	[-0.0962 , -0.0461]	2
Co-Training (SMO)	[-0.1058 , -0.0597]	2
Democratic-Co	[-0.12325 , -0.0733]	2
SETRED	[-0.1089 , -0.05565]	2
TriTraining (NN)	[-0.1077 , -0.05765]	2
TriTraining (C45)	[-0.1242 , -0.0822]	2
TriTraining (NB)	[-0.09655 , -0.0454]	2
TriTraining (SMO)	[-0.0882 , -0.051]	2
DE-TriTraining (NN)	[-0.0915 , -0.0556]	2
DE-TriTraining (C45)	[-0.09115 , -0.0571]	2
DE-TriTraining (NB)	[-0.07865 , -0.04115]	2
DE-TriTraining (SMO)	[-0.08865 , -0.0561]	2
CoForest	[-0.1182 , -0.07345]	2
Rasco (NN)	[-0.00035 , 0.00425]	2
Rasco (C45)	[-0.0512 , -0.0253]	2
Rasco (NB)	[-0.0741 , -0.03185]	2
Rasco (SMO)	[-0.03155 , -0.0093]	2
Co-Bagging (NN)	[-0.10125 , -0.06115]	2
Co-Bagging (C45)	[-0.12155 , -0.07675]	2
Co-Bagging (NB)	[-0.09275 , -0.0477]	2
Co-Bagging (SMO)	[-0.0924 , -0.0541]	2
Rel-Rasco (C45)	[-0.05485 , -0.0263]	2
Rel-Rasco (NB)	[-0.0716 , -0.0267]	2
Rel-Rasco (SMO)	[-0.0335 , -0.01025]	2
CLCC	[-0.07375 , -0.0258]	2
APSSC	[-0.08825 , -0.0272]	2
SNNRCE	[-0.11325 , -0.06315]	2
ADE-CoForest	[-0.08335 , -0.0476]	2

Table 83: Confidence intervals for algorithm Rel-Rasco (NN) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.11145 , -0.0524]	2
Self-Training (C45)	[-0.1206 , -0.0695]	2
Self-Training (NB)	[-0.08035 , -0.02055]	2
Self-Training (SMO)	[-0.1004 , -0.0483]	2
Co-Training (NN)	[-0.0991 , -0.04025]	2
Co-Training (C45)	[-0.11005 , -0.05905]	2
Co-Training (NB)	[-0.10245 , -0.0433]	2
Co-Training (SMO)	[-0.1123 , -0.05655]	2
Democratic-Co	[-0.1297 , -0.06895]	2
SETRED	[-0.1134 , -0.05315]	2
TriTraining (NN)	[-0.113 , -0.05425]	2
TriTraining (C45)	[-0.1287 , -0.0777]	2
TriTraining (NB)	[-0.103 , -0.0416]	2
TriTraining (SMO)	[-0.0925 , -0.0473]	2
DE-TriTraining (NN)	[-0.0963 , -0.0526]	2
DE-TriTraining (C45)	[-0.09525 , -0.0536]	2
DE-TriTraining (NB)	[-0.0839 , -0.0378]	2
DE-TriTraining (SMO)	[-0.0926 , -0.05395]	2
CoForest	[-0.12265 , -0.0694]	2
Rasco (NN)	[-0.00085 , 0.0048]	2
Rasco (C45)	[-0.0544 , -0.02275]	2
Rasco (NB)	[-0.0791 , -0.02655]	2
Rasco (SMO)	[-0.0346 , -0.00715]	2
Co-Bagging (NN)	[-0.10465 , -0.0586]	2
Co-Bagging (C45)	[-0.1255 , -0.07255]	2
Co-Bagging (NB)	[-0.097 , -0.04445]	2
Co-Bagging (SMO)	[-0.0972 , -0.05055]	2
Rel-Rasco (C45)	[-0.0581 , -0.02405]	2
Rel-Rasco (NB)	[-0.079 , -0.02255]	2
Rel-Rasco (SMO)	[-0.0358 , -0.0083]	2
CLCC	[-0.07865 , -0.0204]	2
APSSC	[-0.095 , -0.02225]	2
SNNRCE	[-0.1177 , -0.05965]	2
ADE-CoForest	[-0.0867 , -0.0439]	2

Table 84: Confidence intervals for algorithm Rel-Rasco (NN) ($\alpha=0.95$)

29 Detailed results for Rel-Rasco (C45)

29.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	439.0	1101.0	-	1
Self-Training (C45)	92.5	1447.5	-	1
Self-Training (NB)	702.0	838.0	-	1
Self-Training (SMO)	471.0	1014.0	-	1
Co-Training (NN)	531.0	1009.0	-	1
Co-Training (C45)	153.0	1387.0	-	1
Co-Training (NB)	513.0	1027.0	-	1
Co-Training (SMO)	379.0	1106.0	-	1
Democratic-Co	175.0	1365.0	-	1
SETRED	427.0	1113.0	-	1
TriTraining (NN)	409.5	1130.5	-	1
TriTraining (C45)	36.0	1504.0	-	1
TriTraining (NB)	512.0	1028.0	-	1
TriTraining (SMO)	497.0	1043.0	-	1
DE-TriTraining (NN)	367.0	1173.0	-	1
DE-TriTraining (C45)	260.0	1280.0	-	1
DE-TriTraining (NB)	507.0	1033.0	-	1
DE-TriTraining (SMO)	354.0	1186.0	-	1
CoForest	345.0	1195.0	-	1
Rasco (NN)	1317.0	223.0	-	0.000004
Rasco (C45)	801.0	684.0	-	0.608361
Rasco (NB)	629.0	911.0	-	1
Rasco (SMO)	1029.0	511.0	-	0.029688
Co-Bagging (NN)	359.0	1126.0	-	1
Co-Bagging (C45)	39.0	1501.0	-	1
Co-Bagging (NB)	481.0	1059.0	-	1
Co-Bagging (SMO)	435.0	1105.0	-	1
Rel-Rasco (NN)	1310.0	230.0	-	0.000006
Rel-Rasco (NB)	666.5	873.5	-	1
Rel-Rasco (SMO)	1020.5	519.5	-	0.035272
CLCC	698.0	842.0	-	1
APSSC	668.0	872.0	-	1
SNNRCE	342.0	1143.0	-	1
ADE-CoForest	507.5	1032.5	-	1

Table 85: Results obtained by the Wilcoxon test for algorithm Rel-Rasco (C45)

29.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07805 , -0.021]	2
Self-Training (C45)	[-0.068 , -0.02785]	2
Self-Training (NB)	[-0.0324 , 0.0149]	2
Self-Training (SMO)	[-0.0642 , -0.01215]	2
Co-Training (NN)	[-0.06325 , -0.0069]	2
Co-Training (C45)	[-0.055 , -0.02205]	2
Co-Training (NB)	[-0.0581 , -0.00825]	2
Co-Training (SMO)	[-0.072 , -0.0201]	2
Democratic-Co	[-0.0771 , -0.0353]	2
SETRED	[-0.0816 , -0.02265]	2
TriTraining (NN)	[-0.07825 , -0.02095]	2
TriTraining (C45)	[-0.0741 , -0.03585]	2
TriTraining (NB)	[-0.0565 , -0.0065]	2
TriTraining (SMO)	[-0.0563 , -0.00955]	2
DE-TriTraining (NN)	[-0.0639 , -0.0241]	2
DE-TriTraining (C45)	[-0.04975 , -0.0229]	2
DE-TriTraining (NB)	[-0.04175 , -0.0064]	2
DE-TriTraining (SMO)	[-0.061 , -0.0241]	2
CoForest	[-0.0771 , -0.03345]	2
Rasco (NN)	[0.02725 , 0.05465]	2
Rasco (C45)	[-0.0017 , 0.0038]	2
Rasco (NB)	[-0.0347 , 0.0074]	2
Rasco (SMO)	[0.0057 , 0.0338]	2
Co-Bagging (NN)	[-0.0717 , -0.0232]	2
Co-Bagging (C45)	[-0.0715 , -0.0338]	2
Co-Bagging (NB)	[-0.051 , -0.00925]	2
Co-Bagging (SMO)	[-0.0632 , -0.01625]	2
Rel-Rasco (NN)	[0.0263 , 0.05485]	2
Rel-Rasco (NB)	[-0.03315 , 0.00965]	2
Rel-Rasco (SMO)	[0.0037 , 0.0331]	2
CLCC	[-0.03605 , 0.0179]	2
APSSC	[-0.0464 , 0.0166]	2
SNNRCE	[-0.08315 , -0.02685]	2
ADE-CoForest	[-0.0572 , -0.0105]	2

Table 86: Confidence intervals for algorithm Rel-Rasco (C45) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.08665 , -0.01405]	2
Self-Training (C45)	[-0.07245 , -0.02605]	2
Self-Training (NB)	[-0.0382 , 0.01855]	2
Self-Training (SMO)	[-0.0694 , -0.00585]	2
Co-Training (NN)	[-0.06945 , -0.0008]	2
Co-Training (C45)	[-0.0582 , -0.0196]	2
Co-Training (NB)	[-0.06645 , -0.0028]	2
Co-Training (SMO)	[-0.07675 , -0.0162]	2
Democratic-Co	[-0.0826 , -0.03175]	2
SETRED	[-0.0903 , -0.0158]	2
TriTraining (NN)	[-0.085 , -0.01565]	2
TriTraining (C45)	[-0.08015 , -0.03335]	2
TriTraining (NB)	[-0.06205 , -0.0029]	2
TriTraining (SMO)	[-0.061 , -0.0056]	2
DE-TriTraining (NN)	[-0.06855 , -0.02035]	2
DE-TriTraining (C45)	[-0.05285 , -0.0196]	2
DE-TriTraining (NB)	[-0.04485 , -0.0031]	2
DE-TriTraining (SMO)	[-0.06675 , -0.0195]	2
CoForest	[-0.08165 , -0.02995]	2
Rasco (NN)	[0.02505 , 0.0583]	2
Rasco (C45)	[-0.00225 , 0.00445]	2
Rasco (NB)	[-0.0401 , 0.0111]	2
Rasco (SMO)	[0.00245 , 0.037]	2
Co-Bagging (NN)	[-0.07755 , -0.0201]	2
Co-Bagging (C45)	[-0.0754 , -0.0316]	2
Co-Bagging (NB)	[-0.0558 , -0.00565]	2
Co-Bagging (SMO)	[-0.0676 , -0.01155]	2
Rel-Rasco (NN)	[0.02405 , 0.0581]	2
Rel-Rasco (NB)	[-0.03795 , 0.01365]	2
Rel-Rasco (SMO)	[0.00175 , 0.03635]	2
CLCC	[-0.04105 , 0.02355]	2
APSSC	[-0.0543 , 0.0225]	2
SNNRCE	[-0.0904 , -0.02205]	2
ADE-CoForest	[-0.0613 , -0.0052]	2

Table 87: Confidence intervals for algorithm Rel-Rasco (C45) ($\alpha=0.95$)

30 Detailed results for Rel-Rasco (NB)

30.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	456.0	1084.0	-	1
Self-Training (C45)	360.5	1179.5	-	1
Self-Training (NB)	970.0	570.0	-	0.092635
Self-Training (SMO)	525.5	1014.5	-	1
Co-Training (NN)	584.0	956.0	-	1
Co-Training (C45)	431.0	1109.0	-	1
Co-Training (NB)	432.0	1053.0	-	1
Co-Training (SMO)	475.0	1065.0	-	1
Democratic-Co	136.0	1404.0	-	1
SETRED	435.0	1105.0	-	1
TriTraining (NN)	429.0	1111.0	-	1
TriTraining (C45)	282.0	1258.0	-	1
TriTraining (NB)	447.0	1093.0	-	1
TriTraining (SMO)	619.0	921.0	-	1
DE-TriTraining (NN)	455.5	1084.5	-	1
DE-TriTraining (C45)	401.0	1139.0	-	1
DE-TriTraining (NB)	452.0	1088.0	-	1
DE-TriTraining (SMO)	426.0	1114.0	-	1
CoForest	412.5	1127.5	-	1
Rasco (NN)	1196.0	344.0	-	0.000352
Rasco (C45)	878.5	661.5	-	0.360602
Rasco (NB)	815.0	670.0	-	0.528759
Rasco (SMO)	1038.0	502.0	-	0.024472
Co-Bagging (NN)	388.0	1097.0	-	1
Co-Bagging (C45)	294.5	1245.5	-	1
Co-Bagging (NB)	630.0	910.0	-	1
Co-Bagging (SMO)	573.5	966.5	-	1
Rel-Rasco (NN)	1182.0	358.0	-	0.000548
Rel-Rasco (C45)	873.5	666.5	-	0.381054
Rel-Rasco (SMO)	1017.0	523.0	-	0.038108
CLCC	685.0	855.0	-	1
APSSC	680.0	860.0	-	1
SNNRCE	385.0	1155.0	-	1
ADE-CoForest	485.5	1054.5	-	1

Table 88: Results obtained by the Wilcoxon test for algorithm Rel-Rasco (NB)

30.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0713 , -0.0159]	2
Self-Training (C45)	[-0.0659 , -0.02285]	2
Self-Training (NB)	[0.0003 , 0.01705]	2
Self-Training (SMO)	[-0.0569 , -0.00685]	2
Co-Training (NN)	[-0.0506 , 0.00115]	2
Co-Training (C45)	[-0.05525 , -0.01605]	2
Co-Training (NB)	[-0.0332 , -0.00465]	2
Co-Training (SMO)	[-0.06125 , -0.01285]	2
Democratic-Co	[-0.072 , -0.0381]	2
SETRED	[-0.07285 , -0.0189]	2
TriTraining (NN)	[-0.0686 , -0.01735]	2
TriTraining (C45)	[-0.0732 , -0.0309]	2
TriTraining (NB)	[-0.0268 , -0.0031]	2
TriTraining (SMO)	[-0.0447 , 0.0053]	2
DE-TriTraining (NN)	[-0.0542 , -0.0139]	2
DE-TriTraining (C45)	[-0.0543 , -0.0144]	2
DE-TriTraining (NB)	[-0.02125 , -0.00435]	2
DE-TriTraining (SMO)	[-0.0516 , -0.01375]	2
CoForest	[-0.0763 , -0.0251]	2
Rasco (NN)	[0.0282 , 0.0744]	2
Rasco (C45)	[-0.0083 , 0.0341]	2
Rasco (NB)	[-0.0019 , 0.0044]	2
Rasco (SMO)	[0.0096 , 0.05675]	2
Co-Bagging (NN)	[-0.06045 , -0.01885]	2
Co-Bagging (C45)	[-0.0695 , -0.02985]	2
Co-Bagging (NB)	[-0.01755 , 0.0014]	2
Co-Bagging (SMO)	[-0.0487 , -0.00015]	2
Rel-Rasco (NN)	[0.0267 , 0.0716]	2
Rel-Rasco (C45)	[-0.00965 , 0.03315]	2
Rel-Rasco (SMO)	[0.00555 , 0.058]	2
CLCC	[-0.02795 , 0.0092]	2
APSSC	[-0.03785 , 0.0164]	2
SNNRCE	[-0.0777 , -0.02395]	2
ADE-CoForest	[-0.0494 , -0.0088]	2

Table 89: Confidence intervals for algorithm Rel-Rasco (NB) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07465 , -0.0101]	2
Self-Training (C45)	[-0.06985 , -0.01955]	2
Self-Training (NB)	[-0.00155 , 0.01845]	2
Self-Training (SMO)	[-0.06195 , -0.0027]	2
Co-Training (NN)	[-0.0573 , 0.0058]	2
Co-Training (C45)	[-0.0595 , -0.0113]	2
Co-Training (NB)	[-0.03715 , -0.0034]	2
Co-Training (SMO)	[-0.0649 , -0.008]	2
Democratic-Co	[-0.07635 , -0.0353]	2
SETRED	[-0.0785 , -0.0128]	2
TriTraining (NN)	[-0.07415 , -0.01275]	2
TriTraining (C45)	[-0.07835 , -0.0273]	2
TriTraining (NB)	[-0.03345 , -0.002]	2
TriTraining (SMO)	[-0.0506 , 0.0102]	2
DE-TriTraining (NN)	[-0.0602 , -0.00995]	2
DE-TriTraining (C45)	[-0.0597 , -0.0113]	2
DE-TriTraining (NB)	[-0.02745 , -0.00315]	2
DE-TriTraining (SMO)	[-0.056 , -0.00925]	2
CoForest	[-0.0822 , -0.02025]	2
Rasco (NN)	[0.0253 , 0.08035]	2
Rasco (C45)	[-0.0135 , 0.0382]	2
Rasco (NB)	[-0.0024 , 0.00505]	2
Rasco (SMO)	[0.00495 , 0.063]	2
Co-Bagging (NN)	[-0.06805 , -0.01505]	2
Co-Bagging (C45)	[-0.07455 , -0.02625]	2
Co-Bagging (NB)	[-0.0212 , 0.0026]	2
Co-Bagging (SMO)	[-0.05295 , 0.00445]	2
Rel-Rasco (NN)	[0.02255 , 0.079]	2
Rel-Rasco (C45)	[-0.01365 , 0.03795]	2
Rel-Rasco (SMO)	[0.0009 , 0.06215]	2
CLCC	[-0.03185 , 0.01295]	2
APSSC	[-0.0444 , 0.0271]	2
SNNRCE	[-0.0819 , -0.0195]	2
ADE-CoForest	[-0.05395 , -0.00555]	2

Table 90: Confidence intervals for algorithm Rel-Rasco (NB) ($\alpha=0.95$)

31 Detailed results for Rel-Rasco (SMO)

31.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	310.0	1230.0	-	1
Self-Training (C45)	191.0	1349.0	-	1
Self-Training (NB)	555.5	984.5	-	1
Self-Training (SMO)	216.0	1324.0	-	1
Co-Training (NN)	438.0	1102.0	-	1
Co-Training (C45)	214.0	1326.0	-	1
Co-Training (NB)	403.0	1137.0	-	1
Co-Training (SMO)	119.0	1421.0	-	1
Democratic-Co	147.0	1338.0	-	1
SETRED	295.0	1245.0	-	1
TriTraining (NN)	290.0	1250.0	-	1
TriTraining (C45)	129.0	1411.0	-	1
TriTraining (NB)	406.0	1134.0	-	1
TriTraining (SMO)	254.5	1285.5	-	1
DE-TriTraining (NN)	288.0	1252.0	-	1
DE-TriTraining (C45)	252.0	1288.0	-	1
DE-TriTraining (NB)	429.0	1111.0	-	1
DE-TriTraining (SMO)	227.0	1313.0	-	1
CoForest	294.0	1246.0	-	1
Rasco (NN)	1156.0	384.0	-	0.001202
Rasco (C45)	548.0	992.0	-	1
Rasco (NB)	519.5	1020.5	-	1
Rasco (SMO)	711.0	774.0	-	1
Co-Bagging (NN)	266.0	1274.0	-	1
Co-Bagging (C45)	126.0	1414.0	-	1
Co-Bagging (NB)	387.0	1153.0	-	1
Co-Bagging (SMO)	187.0	1353.0	-	1
Rel-Rasco (NN)	1088.5	396.5	-	0.00285
Rel-Rasco (C45)	519.5	1020.5	-	1
Rel-Rasco (NB)	523.0	1017.0	-	1
CLCC	578.0	962.0	-	1
APSSC	544.5	995.5	-	1
SNNRCE	244.0	1296.0	-	1
ADE-CoForest	384.0	1156.0	-	1

Table 91: Results obtained by the Wilcoxon test for algorithm Rel-Rasco (SMO)

31.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10855 , -0.03445]	2
Self-Training (C45)	[-0.10415 , -0.0486]	2
Self-Training (NB)	[-0.0553 , -0.00205]	2
Self-Training (SMO)	[-0.0703 , -0.0256]	2
Co-Training (NN)	[-0.0912 , -0.0236]	2
Co-Training (C45)	[-0.09155 , -0.04275]	2
Co-Training (NB)	[-0.08765 , -0.02615]	2
Co-Training (SMO)	[-0.08125 , -0.03545]	2
Democratic-Co	[-0.10965 , -0.05255]	2
SETRED	[-0.1104 , -0.0367]	2
TriTraining (NN)	[-0.10725 , -0.03545]	2
TriTraining (C45)	[-0.11005 , -0.0566]	2
TriTraining (NB)	[-0.085 , -0.02345]	2
TriTraining (SMO)	[-0.06525 , -0.02245]	2
DE-TriTraining (NN)	[-0.0892 , -0.0387]	2
DE-TriTraining (C45)	[-0.0865 , -0.03615]	2
DE-TriTraining (NB)	[-0.07105 , -0.01985]	2
DE-TriTraining (SMO)	[-0.08505 , -0.0379]	2
CoForest	[-0.1069 , -0.04635]	2
Rasco (NN)	[0.01245 , 0.03295]	2
Rasco (C45)	[-0.02915 , -0.0016]	2
Rasco (NB)	[-0.0603 , -0.00825]	2
Rasco (SMO)	[-0.0036 , 0.0028]	2
Co-Bagging (NN)	[-0.0979 , -0.03995]	2
Co-Bagging (C45)	[-0.1054 , -0.05205]	2
Co-Bagging (NB)	[-0.0777 , -0.0263]	2
Co-Bagging (SMO)	[-0.07125 , -0.02915]	2
Rel-Rasco (NN)	[0.01025 , 0.0335]	2
Rel-Rasco (C45)	[-0.0331 , -0.0037]	2
Rel-Rasco (NB)	[-0.058 , -0.00555]	2
CLCC	[-0.06405 , 0.00085]	2
APSSC	[-0.0724 , -0.0044]	2
SNNRCE	[-0.11545 , -0.0423]	2
ADE-CoForest	[-0.07785 , -0.0273]	2

Table 92: Confidence intervals for algorithm Rel-Rasco (SMO) ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1182 , -0.0298]	2
Self-Training (C45)	[-0.1102 , -0.04235]	2
Self-Training (NB)	[-0.0633 , 0.0025]	2
Self-Training (SMO)	[-0.07685 , -0.02315]	2
Co-Training (NN)	[-0.1013 , -0.01975]	2
Co-Training (C45)	[-0.09635 , -0.0381]	2
Co-Training (NB)	[-0.09315 , -0.01975]	2
Co-Training (SMO)	[-0.08555 , -0.0321]	2
Democratic-Co	[-0.1155 , -0.04845]	2
SETRED	[-0.11995 , -0.032]	2
TriTraining (NN)	[-0.1162 , -0.0304]	2
TriTraining (C45)	[-0.11405 , -0.0525]	2
TriTraining (NB)	[-0.0921 , -0.01825]	2
TriTraining (SMO)	[-0.06925 , -0.0193]	2
DE-TriTraining (NN)	[-0.0966 , -0.0334]	2
DE-TriTraining (C45)	[-0.09245 , -0.03225]	2
DE-TriTraining (NB)	[-0.0764 , -0.01565]	2
DE-TriTraining (SMO)	[-0.0911 , -0.03495]	2
CoForest	[-0.11595 , -0.0421]	2
Rasco (NN)	[0.01005 , 0.0355]	2
Rasco (C45)	[-0.03215 , 0.0006]	2
Rasco (NB)	[-0.0658 , -0.0033]	2
Rasco (SMO)	[-0.0044 , 0.00355]	2
Co-Bagging (NN)	[-0.1076 , -0.0353]	2
Co-Bagging (C45)	[-0.11215 , -0.0474]	2
Co-Bagging (NB)	[-0.08395 , -0.0204]	2
Co-Bagging (SMO)	[-0.0752 , -0.02645]	2
Rel-Rasco (NN)	[0.0083 , 0.0358]	2
Rel-Rasco (C45)	[-0.03635 , -0.00175]	2
Rel-Rasco (NB)	[-0.06215 , -0.0009]	2
CLCC	[-0.0715 , 0.00705]	2
APSSC	[-0.0818 , 0.0017]	2
SNNRCE	[-0.1228 , -0.0371]	2
ADE-CoForest	[-0.0826 , -0.02415]	2

Table 93: Confidence intervals for algorithm Rel-Rasco (SMO) ($\alpha=0.95$)

32 Detailed results for CLCC

32.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	481.0	1059.0	-	1
Self-Training (C45)	477.5	1062.5	-	1
Self-Training (NB)	923.0	617.0	-	0.197465
Self-Training (SMO)	598.0	887.0	-	1
Co-Training (NN)	680.0	860.0	-	1
Co-Training (C45)	544.0	941.0	-	1
Co-Training (NB)	719.5	820.5	-	1
Co-Training (SMO)	585.5	954.5	-	1
Democratic-Co	342.0	1198.0	-	1
SETRED	475.5	1064.5	-	1
TriTraining (NN)	466.0	1074.0	-	1
TriTraining (C45)	417.0	1123.0	-	1
TriTraining (NB)	689.0	851.0	-	1
TriTraining (SMO)	675.5	809.5	-	1
DE-TriTraining (NN)	480.0	1060.0	-	1
DE-TriTraining (C45)	464.0	1021.0	-	1
DE-TriTraining (NB)	677.0	863.0	-	1
DE-TriTraining (SMO)	567.0	973.0	-	1
CoForest	444.5	1095.5	-	1
Rasco (NN)	1158.0	382.0	-	0.001134
Rasco (C45)	841.5	698.5	-	0.545497
Rasco (NB)	846.0	694.0	-	0.521113
Rasco (SMO)	980.0	560.0	-	0.077785
Co-Bagging (NN)	476.0	1009.0	-	1
Co-Bagging (C45)	456.0	1084.0	-	1
Co-Bagging (NB)	702.0	838.0	-	1
Co-Bagging (SMO)	639.0	846.0	-	1
Rel-Rasco (NN)	1144.0	396.0	-	0.001702
Rel-Rasco (C45)	842.0	698.0	-	0.543556
Rel-Rasco (NB)	855.0	685.0	-	0.473765
Rel-Rasco (SMO)	962.0	578.0	-	0.106773
APSSC	660.5	824.5	-	1
SNNRCE	410.0	1130.0	-	1
ADE-CoForest	504.0	981.0	-	1

Table 94: Results obtained by the Wilcoxon test for algorithm CLCC

32.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0574 , -0.00735]	2
Self-Training (C45)	[-0.0587 , -0.0102]	2
Self-Training (NB)	[-0.00345 , 0.026]	2
Self-Training (SMO)	[-0.04115 , 0.0046]	2
Co-Training (NN)	[-0.0365 , 0.01075]	2
Co-Training (C45)	[-0.0543 , -0.00035]	2
Co-Training (NB)	[-0.01925 , 0.00915]	2
Co-Training (SMO)	[-0.0573 , 0.0006]	2
Democratic-Co	[-0.06355 , -0.01675]	2
SETRED	[-0.06185 , -0.01]	2
TriTraining (NN)	[-0.0537 , -0.0089]	2
TriTraining (C45)	[-0.0659 , -0.01725]	2
TriTraining (NB)	[-0.02215 , 0.0093]	2
TriTraining (SMO)	[-0.0422 , 0.015]	2
DE-TriTraining (NN)	[-0.03515 , -0.0066]	2
DE-TriTraining (C45)	[-0.0367 , -0.00635]	2
DE-TriTraining (NB)	[-0.017 , 0.00695]	2
DE-TriTraining (SMO)	[-0.0352 , -0.00055]	2
CoForest	[-0.0444 , -0.01005]	2
Rasco (NN)	[0.02795 , 0.07605]	2
Rasco (C45)	[-0.01915 , 0.0381]	2
Rasco (NB)	[-0.01215 , 0.0261]	2
Rasco (SMO)	[0.0024 , 0.06365]	2
Co-Bagging (NN)	[-0.049 , -0.0042]	2
Co-Bagging (C45)	[-0.0651 , -0.01315]	2
Co-Bagging (NB)	[-0.02195 , 0.01125]	2
Co-Bagging (SMO)	[-0.0375 , 0.00875]	2
Rel-Rasco (NN)	[0.0258 , 0.07375]	2
Rel-Rasco (C45)	[-0.0179 , 0.03605]	2
Rel-Rasco (NB)	[-0.0092 , 0.02795]	2
Rel-Rasco (SMO)	[-0.00085 , 0.06405]	2
APSSC	[-0.03525 , 0.0125]	2
SNNRCE	[-0.0601 , -0.01315]	2
ADE-CoForest	[-0.0222 , -0.00205]	2

Table 95: Confidence intervals for algorithm CLCC ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0624 , -0.0042]	2
Self-Training (C45)	[-0.06715 , -0.00665]	2
Self-Training (NB)	[-0.0067 , 0.02915]	2
Self-Training (SMO)	[-0.0483 , 0.009]	2
Co-Training (NN)	[-0.043 , 0.0143]	2
Co-Training (C45)	[-0.06225 , 0.0046]	2
Co-Training (NB)	[-0.023 , 0.01105]	2
Co-Training (SMO)	[-0.0679 , 0.006]	2
Democratic-Co	[-0.0719 , -0.01355]	2
SETRED	[-0.0677 , -0.0058]	2
TriTraining (NN)	[-0.05955 , -0.0061]	2
TriTraining (C45)	[-0.07455 , -0.01365]	2
TriTraining (NB)	[-0.0269 , 0.0121]	2
TriTraining (SMO)	[-0.0523 , 0.01975]	2
DE-TriTraining (NN)	[-0.04065 , -0.00365]	2
DE-TriTraining (C45)	[-0.04075 , -0.0034]	2
DE-TriTraining (NB)	[-0.0193 , 0.00935]	2
DE-TriTraining (SMO)	[-0.0425 , 0.0018]	2
CoForest	[-0.0504 , -0.0072]	2
Rasco (NN)	[0.0235 , 0.07945]	2
Rasco (C45)	[-0.0249 , 0.04415]	2
Rasco (NB)	[-0.015 , 0.0305]	2
Rasco (SMO)	[-0.00495 , 0.0707]	2
Co-Bagging (NN)	[-0.05735 , -0.00205]	2
Co-Bagging (C45)	[-0.07535 , -0.0097]	2
Co-Bagging (NB)	[-0.0265 , 0.01595]	2
Co-Bagging (SMO)	[-0.04495 , 0.0123]	2
Rel-Rasco (NN)	[0.0204 , 0.07865]	2
Rel-Rasco (C45)	[-0.02355 , 0.04105]	2
Rel-Rasco (NB)	[-0.01295 , 0.03185]	2
Rel-Rasco (SMO)	[-0.00705 , 0.0715]	2
APSSC	[-0.03965 , 0.02005]	2
SNNRCE	[-0.0704 , -0.0104]	2
ADE-CoForest	[-0.02445 , -0.00065]	2

Table 96: Confidence intervals for algorithm CLCC ($\alpha=0.95$)

33 Detailed results for APSSC

33.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	380.0	1105.0	-	1
Self-Training (C45)	476.0	1064.0	-	1
Self-Training (NB)	869.0	671.0	-	0.404469
Self-Training (SMO)	592.0	893.0	-	1
Co-Training (NN)	654.0	886.0	-	1
Co-Training (C45)	566.0	974.0	-	1
Co-Training (NB)	718.0	822.0	-	1
Co-Training (SMO)	531.0	1009.0	-	1
Democratic-Co	361.0	1179.0	-	1
SETRED	337.0	1148.0	-	1
TriTraining (NN)	392.0	1093.0	-	1
TriTraining (C45)	426.0	1114.0	-	1
TriTraining (NB)	739.0	801.0	-	1
TriTraining (SMO)	648.0	892.0	-	1
DE-TriTraining (NN)	520.5	1019.5	-	1
DE-TriTraining (C45)	508.0	1032.0	-	1
DE-TriTraining (NB)	764.0	776.0	-	1
DE-TriTraining (SMO)	513.0	1027.0	-	1
CoForest	562.0	978.0	-	1
Rasco (NN)	1151.0	389.0	-	0.001391
Rasco (C45)	868.0	672.0	-	0.409209
Rasco (NB)	859.5	680.5	-	0.450333
Rasco (SMO)	990.0	550.0	-	0.064399
Co-Bagging (NN)	481.5	1058.5	-	1
Co-Bagging (C45)	466.0	1074.0	-	1
Co-Bagging (NB)	785.0	755.0	-	0.896671
Co-Bagging (SMO)	620.5	919.5	-	1
Rel-Rasco (NN)	1136.0	404.0	-	0.002135
Rel-Rasco (C45)	872.0	668.0	-	0.389954
Rel-Rasco (NB)	860.0	680.0	-	0.448296
Rel-Rasco (SMO)	995.5	544.5	-	0.058021
CLCC	824.5	660.5	-	0.477017
SNNRCE	352.0	1188.0	-	1
ADE-CoForest	666.0	874.0	-	1

Table 97: Results obtained by the Wilcoxon test for algorithm APSSC

33.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0473 , -0.01405]	2
Self-Training (C45)	[-0.0595 , -0.01205]	2
Self-Training (NB)	[-0.0192 , 0.041]	2
Self-Training (SMO)	[-0.042 , 0.00485]	2
Co-Training (NN)	[-0.0349 , 0.0086]	2
Co-Training (C45)	[-0.0531 , -0.0018]	2
Co-Training (NB)	[-0.035 , 0.01705]	2
Co-Training (SMO)	[-0.0537 , -0.00635]	2
Democratic-Co	[-0.0636 , -0.02]	2
SETRED	[-0.05055 , -0.01825]	2
TriTraining (NN)	[-0.04895 , -0.01375]	2
TriTraining (C45)	[-0.06625 , -0.0178]	2
TriTraining (NB)	[-0.03725 , 0.0198]	2
TriTraining (SMO)	[-0.0459 , 0.01355]	2
DE-TriTraining (NN)	[-0.0405 , -0.00465]	2
DE-TriTraining (C45)	[-0.0476 , -0.0066]	2
DE-TriTraining (NB)	[-0.03405 , 0.0205]	2
DE-TriTraining (SMO)	[-0.0496 , -0.0054]	2
CoForest	[-0.05135 , -0.0017]	2
Rasco (NN)	[0.0295 , 0.08775]	2
Rasco (C45)	[-0.01685 , 0.0473]	2
Rasco (NB)	[-0.0151 , 0.0397]	2
Rasco (SMO)	[0.0041 , 0.071]	2
Co-Bagging (NN)	[-0.0436 , -0.00825]	2
Co-Bagging (C45)	[-0.0649 , -0.0141]	2
Co-Bagging (NB)	[-0.0347 , 0.02345]	2
Co-Bagging (SMO)	[-0.04835 , 0.0077]	2
Rel-Rasco (NN)	[0.0272 , 0.08825]	2
Rel-Rasco (C45)	[-0.0166 , 0.0464]	2
Rel-Rasco (NB)	[-0.0164 , 0.03785]	2
Rel-Rasco (SMO)	[0.0044 , 0.0724]	2
CLCC	[-0.0125 , 0.03525]	2
SNNRCE	[-0.0541 , -0.0215]	2
ADE-CoForest	[-0.033 , 0.00825]	2

Table 98: Confidence intervals for algorithm APSSC ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0517 , -0.01085]	2
Self-Training (C45)	[-0.06505 , -0.0076]	2
Self-Training (NB)	[-0.02545 , 0.0452]	2
Self-Training (SMO)	[-0.04685 , 0.0091]	2
Co-Training (NN)	[-0.03985 , 0.01225]	2
Co-Training (C45)	[-0.0587 , 0.0051]	2
Co-Training (NB)	[-0.04155 , 0.02205]	2
Co-Training (SMO)	[-0.0582 , -0.00095]	2
Democratic-Co	[-0.0726 , -0.01575]	2
SETRED	[-0.0528 , -0.01415]	2
TriTraining (NN)	[-0.0525 , -0.0105]	2
TriTraining (C45)	[-0.07205 , -0.0136]	2
TriTraining (NB)	[-0.04595 , 0.0245]	2
TriTraining (SMO)	[-0.05065 , 0.01745]	2
DE-TriTraining (NN)	[-0.04445 , -0.0016]	2
DE-TriTraining (C45)	[-0.05355 , -0.0034]	2
DE-TriTraining (NB)	[-0.0412 , 0.02575]	2
DE-TriTraining (SMO)	[-0.05285 , -0.0018]	2
CoForest	[-0.0569 , 0.0034]	2
Rasco (NN)	[0.024 , 0.0953]	2
Rasco (C45)	[-0.0235 , 0.0542]	2
Rasco (NB)	[-0.0234 , 0.0463]	2
Rasco (SMO)	[-0.0018 , 0.0794]	2
Co-Bagging (NN)	[-0.0473 , -0.00565]	2
Co-Bagging (C45)	[-0.072 , -0.01005]	2
Co-Bagging (NB)	[-0.0406 , 0.03]	2
Co-Bagging (SMO)	[-0.05315 , 0.0145]	2
Rel-Rasco (NN)	[0.02225 , 0.095]	2
Rel-Rasco (C45)	[-0.0225 , 0.0543]	2
Rel-Rasco (NB)	[-0.0271 , 0.0444]	2
Rel-Rasco (SMO)	[-0.0017 , 0.0818]	2
CLCC	[-0.02005 , 0.03965]	2
SNNRCE	[-0.05735 , -0.01785]	2
ADE-CoForest	[-0.03935 , 0.01325]	2

Table 99: Confidence intervals for algorithm APSSC ($\alpha=0.95$)

34 Detailed results for SNNRCE

34.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1102.5	437.5	-	0.005222
Self-Training (C45)	841.0	699.0	-	0.549129
Self-Training (NB)	1178.0	362.0	-	0.00062
Self-Training (SMO)	944.0	596.0	-	0.143726
Co-Training (NN)	1252.0	288.0	-	0.000053
Co-Training (C45)	944.5	595.5	-	0.142163
Co-Training (NB)	1070.0	470.0	-	0.011811
Co-Training (SMO)	848.5	691.5	-	0.507587
Democratic-Co	687.0	853.0	-	1
SETRED	981.0	559.0	-	0.076076
TriTraining (NN)	1205.5	334.5	-	0.000248
TriTraining (C45)	720.0	820.0	-	1
TriTraining (NB)	1037.0	503.0	-	0.024857
TriTraining (SMO)	919.0	621.0	-	0.210354
DE-TriTraining (NN)	970.0	570.0	-	0.092977
DE-TriTraining (C45)	847.0	693.0	-	0.51568
DE-TriTraining (NB)	1065.5	474.5	-	0.013041
DE-TriTraining (SMO)	870.5	669.5	-	0.396928
CoForest	755.5	784.5	-	1
Rasco (NN)	1514.0	26.0	-	0
Rasco (C45)	1127.5	357.5	-	0.000891
Rasco (NB)	1166.0	374.0	-	0.000893
Rasco (SMO)	1301.5	238.5	-	0.000008
Co-Bagging (NN)	967.0	518.0	-	0.0522
Co-Bagging (C45)	765.0	775.0	-	1
Co-Bagging (NB)	1004.5	480.5	-	0.023659
Co-Bagging (SMO)	876.5	663.5	-	0.369482
Rel-Rasco (NN)	1514.0	26.0	-	0
Rel-Rasco (C45)	1143.0	342.0	-	0.000555
Rel-Rasco (NB)	1155.0	385.0	-	0.001238
Rel-Rasco (SMO)	1296.0	244.0	-	0.00001
CLCC	1130.0	410.0	-	0.002524
APSSC	1188.0	352.0	-	0.000454
ADE-CoForest	972.0	568.0	-	0.088755

Table 100: Results obtained by the Wilcoxon test for algorithm SNNRCE

34.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[0.00355 , 0.01175]	2
Self-Training (C45)	[-0.00855 , 0.01685]	2
Self-Training (NB)	[0.02425 , 0.06985]	2
Self-Training (SMO)	[-0.001 , 0.03265]	2
Co-Training (NN)	[0.01055 , 0.0291]	2
Co-Training (C45)	[-0.00135 , 0.02965]	2
Co-Training (NB)	[0.00945 , 0.0441]	2
Co-Training (SMO)	[-0.0061 , 0.01915]	2
Democratic-Co	[-0.0144 , 0.00625]	2
SETRED	[0.00025 , 0.00815]	2
TriTraining (NN)	[0.0054 , 0.0127]	2
TriTraining (C45)	[-0.01665 , 0.0098]	2
TriTraining (NB)	[0.00765 , 0.0457]	2
TriTraining (SMO)	[-0.004 , 0.03845]	2
DE-TriTraining (NN)	[0.0002 , 0.01575]	2
DE-TriTraining (C45)	[-0.0059 , 0.01535]	2
DE-TriTraining (NB)	[0.00855 , 0.0485]	2
DE-TriTraining (SMO)	[-0.0032 , 0.01365]	2
CoForest	[-0.0121 , 0.0121]	2
Rasco (NN)	[0.06435 , 0.1142]	2
Rasco (C45)	[0.02715 , 0.08485]	2
Rasco (NB)	[0.0239 , 0.07655]	2
Rasco (SMO)	[0.0454 , 0.1094]	2
Co-Bagging (NN)	[0.00075 , 0.01115]	2
Co-Bagging (C45)	[-0.0138 , 0.01395]	2
Co-Bagging (NB)	[0.00965 , 0.05095]	2
Co-Bagging (SMO)	[-0.0052 , 0.031]	2
Rel-Rasco (NN)	[0.06315 , 0.11325]	2
Rel-Rasco (C45)	[0.02685 , 0.08315]	2
Rel-Rasco (NB)	[0.02395 , 0.0777]	2
Rel-Rasco (SMO)	[0.0423 , 0.11545]	2
CLCC	[0.01315 , 0.0601]	2
APSSC	[0.0215 , 0.0541]	2
ADE-CoForest	[0.0002 , 0.02135]	2

Table 101: Confidence intervals for algorithm SNNRCE ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.00265 , 0.01245]	2
Self-Training (C45)	[-0.0112 , 0.0195]	2
Self-Training (NB)	[0.0202 , 0.0749]	2
Self-Training (SMO)	[-0.0037 , 0.03675]	2
Co-Training (NN)	[0.0093 , 0.03385]	2
Co-Training (C45)	[-0.00515 , 0.03235]	2
Co-Training (NB)	[0.0062 , 0.04775]	2
Co-Training (SMO)	[-0.00825 , 0.02185]	2
Democratic-Co	[-0.01695 , 0.0086]	2
SETRED	[-0.00045 , 0.00895]	2
TriTraining (NN)	[0.0048 , 0.0136]	2
TriTraining (C45)	[-0.0197 , 0.01195]	2
TriTraining (NB)	[0.0043 , 0.05005]	2
TriTraining (SMO)	[-0.00595 , 0.04565]	2
DE-TriTraining (NN)	[-0.00095 , 0.0183]	2
DE-TriTraining (C45)	[-0.00815 , 0.0178]	2
DE-TriTraining (NB)	[0.00455 , 0.0527]	2
DE-TriTraining (SMO)	[-0.00425 , 0.0161]	2
CoForest	[-0.01455 , 0.01405]	2
Rasco (NN)	[0.0605 , 0.1191]	2
Rasco (C45)	[0.0223 , 0.0906]	2
Rasco (NB)	[0.0198 , 0.08365]	2
Rasco (SMO)	[0.04025 , 0.1193]	2
Co-Bagging (NN)	[-0.00005 , 0.0126]	2
Co-Bagging (C45)	[-0.0172 , 0.01685]	2
Co-Bagging (NB)	[0.0044 , 0.0559]	2
Co-Bagging (SMO)	[-0.00705 , 0.03905]	2
Rel-Rasco (NN)	[0.05965 , 0.1177]	2
Rel-Rasco (C45)	[0.02205 , 0.0904]	2
Rel-Rasco (NB)	[0.0195 , 0.0819]	2
Rel-Rasco (SMO)	[0.0371 , 0.1228]	2
CLCC	[0.0104 , 0.0704]	2
APSSC	[0.01785 , 0.05735]	2
ADE-CoForest	[-0.0008 , 0.025]	2

Table 102: Confidence intervals for algorithm SNNRCE ($\alpha=0.95$)

35 Detailed results for ADE-CoForest

35.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	685.0	855.0	-	1
Self-Training (C45)	649.0	891.0	-	1
Self-Training (NB)	1134.0	406.0	-	0.002258
Self-Training (SMO)	744.0	741.0	-	0.986261
Co-Training (NN)	874.0	666.0	-	0.37927
Co-Training (C45)	740.0	800.0	-	1
Co-Training (NB)	961.0	579.0	-	0.108606
Co-Training (SMO)	689.0	851.0	-	1
Democratic-Co	543.0	997.0	-	1
SETRED	641.0	899.0	-	1
TriTraining (NN)	708.0	832.0	-	1
TriTraining (C45)	538.0	1002.0	-	1
TriTraining (NB)	937.5	602.5	-	0.158814
TriTraining (SMO)	808.5	731.5	-	0.743847
DE-TriTraining (NN)	688.0	797.0	-	1
DE-TriTraining (C45)	717.0	768.0	-	1
DE-TriTraining (NB)	1038.5	501.5	-	0.024059
DE-TriTraining (SMO)	728.0	812.0	-	1
CoForest	554.0	931.0	-	1
Rasco (NN)	1353.0	187.0	-	0.000001
Rasco (C45)	1029.0	511.0	-	0.029517
Rasco (NB)	1039.0	501.0	-	0.023651
Rasco (SMO)	1172.0	368.0	-	0.000736
Co-Bagging (NN)	715.5	824.5	-	1
Co-Bagging (C45)	610.0	930.0	-	1
Co-Bagging (NB)	960.0	580.0	-	0.110463
Co-Bagging (SMO)	747.0	738.0	-	0.965661
Rel-Rasco (NN)	1340.0	200.0	-	0.000002
Rel-Rasco (C45)	1032.5	507.5	-	0.027393
Rel-Rasco (NB)	1054.5	485.5	-	0.016831
Rel-Rasco (SMO)	1156.0	384.0	-	0.001188
CLCC	981.0	504.0	-	0.039605
APSSC	874.0	666.0	-	0.380771
SNNRCE	568.0	972.0	-	1

Table 103: Results obtained by the Wilcoxon test for algorithm ADE-CoForest

35.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02215 , 0.00625]	2
Self-Training (C45)	[-0.0295 , 0.00485]	2
Self-Training (NB)	[0.01875 , 0.04815]	2
Self-Training (SMO)	[-0.01475 , 0.0137]	2
Co-Training (NN)	[-0.0067 , 0.0185]	2
Co-Training (C45)	[-0.0216 , 0.0133]	2
Co-Training (NB)	[-0.0002 , 0.0296]	2
Co-Training (SMO)	[-0.02605 , 0.00895]	2
Democratic-Co	[-0.02865 , -0.00145]	2
SETRED	[-0.0256 , 0.0036]	2
TriTraining (NN)	[-0.0214 , 0.00735]	2
TriTraining (C45)	[-0.0348 , -0.0032]	2
TriTraining (NB)	[-0.00455 , 0.03355]	2
TriTraining (SMO)	[-0.014 , 0.02045]	2
DE-TriTraining (NN)	[-0.00595 , 0.0028]	2
DE-TriTraining (C45)	[-0.0075 , 0.0067]	2
DE-TriTraining (NB)	[0.0048 , 0.0306]	2
DE-TriTraining (SMO)	[-0.0063 , 0.00465]	2
CoForest	[-0.02595 , 0.00035]	2
Rasco (NN)	[0.0522 , 0.0846]	2
Rasco (C45)	[0.00995 , 0.05755]	2
Rasco (NB)	[0.007 , 0.0488]	2
Rasco (SMO)	[0.02945 , 0.0779]	2
Co-Bagging (NN)	[-0.01245 , 0.00415]	2
Co-Bagging (C45)	[-0.03335 , 0.00225]	2
Co-Bagging (NB)	[-0.00065 , 0.0361]	2
Co-Bagging (SMO)	[-0.0144 , 0.0168]	2
Rel-Rasco (NN)	[0.0476 , 0.08335]	2
Rel-Rasco (C45)	[0.0105 , 0.0572]	2
Rel-Rasco (NB)	[0.0088 , 0.0494]	2
Rel-Rasco (SMO)	[0.0273 , 0.07785]	2
CLCC	[0.00205 , 0.0222]	2
APSSC	[-0.00825 , 0.033]	2
SNNRCE	[-0.02135 , -0.0002]	2

Table 104: Confidence intervals for algorithm ADE-CoForest ($\alpha=0.90$)

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0267 , 0.0087]	2
Self-Training (C45)	[-0.0348 , 0.00755]	2
Self-Training (NB)	[0.0156 , 0.05185]	2
Self-Training (SMO)	[-0.01775 , 0.0162]	2
Co-Training (NN)	[-0.0115 , 0.0208]	2
Co-Training (C45)	[-0.0275 , 0.01615]	2
Co-Training (NB)	[-0.00355 , 0.0326]	2
Co-Training (SMO)	[-0.0306 , 0.0126]	2
Democratic-Co	[-0.0334 , 0.00045]	2
SETRED	[-0.02935 , 0.0061]	2
TriTraining (NN)	[-0.0252 , 0.00935]	2
TriTraining (C45)	[-0.04155 , 0.0001]	2
TriTraining (NB)	[-0.0077 , 0.0364]	2
TriTraining (SMO)	[-0.0169 , 0.02325]	2
DE-TriTraining (NN)	[-0.0069 , 0.0039]	2
DE-TriTraining (C45)	[-0.0094 , 0.00825]	2
DE-TriTraining (NB)	[0.00245 , 0.0335]	2
DE-TriTraining (SMO)	[-0.00755 , 0.00625]	2
CoForest	[-0.0287 , 0.00225]	2
Rasco (NN)	[0.0487 , 0.08775]	2
Rasco (C45)	[0.00485 , 0.0618]	2
Rasco (NB)	[0.0034 , 0.05305]	2
Rasco (SMO)	[0.02495 , 0.0817]	2
Co-Bagging (NN)	[-0.01465 , 0.0051]	2
Co-Bagging (C45)	[-0.03965 , 0.0043]	2
Co-Bagging (NB)	[-0.0052 , 0.0399]	2
Co-Bagging (SMO)	[-0.01745 , 0.0191]	2
Rel-Rasco (NN)	[0.0439 , 0.0867]	2
Rel-Rasco (C45)	[0.0052 , 0.0613]	2
Rel-Rasco (NB)	[0.00555 , 0.05395]	2
Rel-Rasco (SMO)	[0.02415 , 0.0826]	2
CLCC	[0.00065 , 0.02445]	2
APSSC	[-0.01325 , 0.03935]	2
SNNRCE	[-0.025 , 0.0008]	2

Table 105: Confidence intervals for algorithm ADE-CoForest ($\alpha=0.95$)