

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)	588.0	952.0	-	1
Self-Training (NB)	986.0	554.0	-	0.069685
Self-Training (SMO)	661.0	824.0	-	1
Co-Training (NN)	966.5	573.5	-	0.097767
Co-Training (C45)	574.0	911.0	-	1
Co-Training (NB)	885.5	599.5	-	0.216125
Co-Training (SMO)	534.0	1006.0	-	1
Democratic-Co	425.5	1059.5	-	1
SETRED	691.0	849.0	-	1
TriTraining (NN)	1075.5	409.5	-	0.004045
TriTraining (C45)	507.0	978.0	-	1
TriTraining (NB)	887.0	653.0	-	0.324373
TriTraining (SMO)	646.0	894.0	-	1
DE-TriTraining (NN)	810.0	675.0	-	0.556515
DE-TriTraining (C45)	689.0	851.0	-	1
DE-TriTraining (NB)	903.0	637.0	-	0.263338
DE-TriTraining (SMO)	456.0	1029.0	-	1
CoForest	581.0	904.0	-	1
Rasco (NN)	1446.0	94.0	-	0
Rasco (C45)	759.0	726.0	-	0.883626
Rasco (NB)	975.5	564.5	-	0.084026
Rasco (SMO)	876.0	609.0	-	0.248595
Co-Bagging (NN)	610.0	930.0	-	1
Co-Bagging (C45)	501.0	984.0	-	1
Co-Bagging (NB)	897.0	643.0	-	0.285401
Co-Bagging (SMO)	548.5	991.5	-	1
Rel-Rasco (NN)	1503.5	36.5	-	0
Rel-Rasco (C45)	794.5	745.5	-	0.833571
Rel-Rasco (NB)	970.5	569.5	-	0.091824
Rel-Rasco (SMO)	893.0	647.0	-	0.300279
CLCC	1125.0	360.0	-	0.000975
APSSC	1076.0	464.0	-	0.010228
SNNRCE	913.0	627.0	-	0.228263
ADE-CoForest	816.5	723.5	-	0.69343

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

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0284 , 0.0015]	2
Self-Training (NB)	[0.00165 , 0.05195]	2
Self-Training (SMO)	[-0.01955 , 0.00855]	2
Co-Training (NN)	[0 , 0.0096]	2
Co-Training (C45)	[-0.028 , 0.00175]	2
Co-Training (NB)	[-0.00565 , 0.0384]	2
Co-Training (SMO)	[-0.02585 , -0.0034]	2
Democratic-Co	[-0.0341 , -0.00915]	2
SETRED	[-0.0024 , 0.00015]	2
TriTraining (NN)	[0.00315 , 0.0143]	2
TriTraining (C45)	[-0.0292 , -0.0036]	2
TriTraining (NB)	[-0.0091 , 0.03455]	2
TriTraining (SMO)	[-0.01875 , 0.00475]	2
DE-TriTraining (NN)	[-0.00535 , 0.0125]	2
DE-TriTraining (C45)	[-0.01885 , 0.0083]	2
DE-TriTraining (NB)	[-0.0078 , 0.04095]	2
DE-TriTraining (SMO)	[-0.0188 , -0.0044]	2
CoForest	[-0.02505 , 0.00175]	2
Rasco (NN)	[0.0223 , 0.05065]	2
Rasco (C45)	[-0.0185 , 0.02585]	2
Rasco (NB)	[0.0012 , 0.0468]	2
Rasco (SMO)	[-0.0054 , 0.0353]	2
Co-Bagging (NN)	[-0.0113 , 0.00135]	2
Co-Bagging (C45)	[-0.03205 , -0.0038]	2
Co-Bagging (NB)	[-0.0073 , 0.0346]	2
Co-Bagging (SMO)	[-0.02225 , -0.00135]	2
Rel-Rasco (NN)	[0.0233 , 0.0473]	2
Rel-Rasco (C45)	[-0.01665 , 0.02535]	2
Rel-Rasco (NB)	[0.00045 , 0.0489]	2
Rel-Rasco (SMO)	[-0.00595 , 0.0376]	2
CLCC	[0.02335 , 0.0848]	2
APSSC	[0.00955 , 0.041]	2
SNNRCE	[-0.0011 , 0.0073]	2
ADE-CoForest	[-0.0084 , 0.0225]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0314 , 0.0051]	2
Self-Training (NB)	[-0.00205 , 0.05805]	2
Self-Training (SMO)	[-0.02265 , 0.0116]	2
Co-Training (NN)	[-0.00075 , 0.0113]	2
Co-Training (C45)	[-0.03065 , 0.005]	2
Co-Training (NB)	[-0.01025 , 0.0443]	2
Co-Training (SMO)	[-0.0281 , -0.0001]	2
Democratic-Co	[-0.03735 , -0.00615]	2
SETRED	[-0.00285 , 0.00035]	2
TriTraining (NN)	[0.00235 , 0.0154]	2
TriTraining (C45)	[-0.03215 , -0.00115]	2
TriTraining (NB)	[-0.0137 , 0.0393]	2
TriTraining (SMO)	[-0.02095 , 0.00685]	2
DE-TriTraining (NN)	[-0.00695 , 0.01445]	2
DE-TriTraining (C45)	[-0.021 , 0.0124]	2
DE-TriTraining (NB)	[-0.0112 , 0.0474]	2
DE-TriTraining (SMO)	[-0.02 , -0.0031]	2
CoForest	[-0.02745 , 0.00485]	2
Rasco (NN)	[0.02035 , 0.0534]	2
Rasco (C45)	[-0.02225 , 0.03085]	2
Rasco (NB)	[-0.00375 , 0.0519]	2
Rasco (SMO)	[-0.0085 , 0.04025]	2
Co-Bagging (NN)	[-0.01245 , 0.00315]	2
Co-Bagging (C45)	[-0.0348 , -0.001]	2
Co-Bagging (NB)	[-0.0118 , 0.04015]	2
Co-Bagging (SMO)	[-0.0245 , 0.0015]	2
Rel-Rasco (NN)	[0.02165 , 0.0521]	2
Rel-Rasco (C45)	[-0.0195 , 0.031]	2
Rel-Rasco (NB)	[-0.00295 , 0.0532]	2
Rel-Rasco (SMO)	[-0.0085 , 0.04275]	2
CLCC	[0.0176 , 0.0909]	2
APSSC	[0.00615 , 0.04445]	2
SNNRCE	[-0.002 , 0.0085]	2
ADE-CoForest	[-0.01075 , 0.0282]	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)	952.0	588.0	-	0.125846
Self-Training (NB)	1189.5	350.5	-	0.000427
Self-Training (SMO)	830.5	709.5	-	0.608912
Co-Training (NN)	999.5	540.5	-	0.053971
Co-Training (C45)	681.5	803.5	-	1
Co-Training (NB)	1117.0	423.0	-	0.003527
Co-Training (SMO)	821.0	719.0	-	0.665779
Democratic-Co	624.0	916.0	-	1
SETRED	921.0	619.0	-	0.203842
TriTraining (NN)	1011.0	529.0	-	0.042594
TriTraining (C45)	497.0	988.0	-	1
TriTraining (NB)	1076.0	464.0	-	0.010149
TriTraining (SMO)	828.0	712.0	-	0.624031
DE-TriTraining (NN)	988.0	552.0	-	0.066857
DE-TriTraining (C45)	1055.0	430.0	-	0.006978
DE-TriTraining (NB)	1194.5	345.5	-	0.000354
DE-TriTraining (SMO)	926.5	613.5	-	0.187439
CoForest	618.5	866.5	-	1
Rasco (NN)	1375.5	164.5	-	0
Rasco (C45)	1230.0	310.0	-	0.000097
Rasco (NB)	1164.5	375.5	-	0.000923
Rasco (SMO)	1155.0	385.0	-	0.001238
Co-Bagging (NN)	918.5	621.5	-	0.211405
Co-Bagging (C45)	478.0	1062.0	-	1
Co-Bagging (NB)	1145.0	395.0	-	0.001636
Co-Bagging (SMO)	884.0	656.0	-	0.336879
Rel-Rasco (NN)	1418.0	122.0	-	0
Rel-Rasco (C45)	1280.5	259.5	-	0.000018
Rel-Rasco (NB)	1166.5	373.5	-	0.000869
Rel-Rasco (SMO)	1146.0	394.0	-	0.001608
CLCC	1245.0	240.0	-	0.000015
APSSC	1103.0	382.0	-	0.001882
SNNRCE	992.0	548.0	-	0.061743
ADE-CoForest	966.0	519.0	-	0.05377

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)	[-0.0015 , 0.0284]	2
Self-Training (NB)	[0.026 , 0.0626]	2
Self-Training (SMO)	[-0.0108 , 0.02365]	2
Co-Training (NN)	[0.00225 , 0.031]	2
Co-Training (C45)	[-0.0031 , 0.0018]	2
Co-Training (NB)	[0.0136 , 0.0482]	2
Co-Training (SMO)	[-0.0112 , 0.0176]	2
Democratic-Co	[-0.01415 , 0.0015]	2
SETRED	[-0.0041 , 0.02485]	2
TriTraining (NN)	[0.00455 , 0.0371]	2
TriTraining (C45)	[-0.00695 , -0.0009]	2
TriTraining (NB)	[0.00955 , 0.04025]	2
TriTraining (SMO)	[-0.01005 , 0.0218]	2
DE-TriTraining (NN)	[0.0015 , 0.0242]	2
DE-TriTraining (C45)	[0.0041 , 0.0173]	2
DE-TriTraining (NB)	[0.0181 , 0.0492]	2
DE-TriTraining (SMO)	[-0.00265 , 0.0209]	2
CoForest	[-0.01705 , 0.00355]	2
Rasco (NN)	[0.0398 , 0.0726]	2
Rasco (C45)	[0.00565 , 0.02165]	2
Rasco (NB)	[0.02085 , 0.05395]	2
Rasco (SMO)	[0.0152 , 0.04795]	2
Co-Bagging (NN)	[-0.00255 , 0.01935]	2
Co-Bagging (C45)	[-0.0088 , -0.00175]	2
Co-Bagging (NB)	[0.0149 , 0.04125]	2
Co-Bagging (SMO)	[-0.0062 , 0.0234]	2
Rel-Rasco (NN)	[0.0419 , 0.071]	2
Rel-Rasco (C45)	[0.0071 , 0.0262]	2
Rel-Rasco (NB)	[0.0195 , 0.05455]	2
Rel-Rasco (SMO)	[0.01525 , 0.0496]	2
CLCC	[0.0319 , 0.08505]	2
APSSC	[0.0189 , 0.0557]	2
SNNRCE	[0.00135 , 0.0262]	2
ADE-CoForest	[0.0017 , 0.03055]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0051 , 0.0314]	2
Self-Training (NB)	[0.0238 , 0.06655]	2
Self-Training (SMO)	[-0.01345 , 0.0282]	2
Co-Training (NN)	[-0.00015 , 0.03495]	2
Co-Training (C45)	[-0.0035 , 0.00285]	2
Co-Training (NB)	[0.01125 , 0.05045]	2
Co-Training (SMO)	[-0.01435 , 0.0203]	2
Democratic-Co	[-0.0156 , 0.0026]	2
SETRED	[-0.00665 , 0.02745]	2
TriTraining (NN)	[0.0016 , 0.04035]	2
TriTraining (C45)	[-0.00745 , -0.00035]	2
TriTraining (NB)	[0.00655 , 0.0439]	2
TriTraining (SMO)	[-0.0131 , 0.0247]	2
DE-TriTraining (NN)	[-0.0008 , 0.02735]	2
DE-TriTraining (C45)	[0.00275 , 0.0189]	2
DE-TriTraining (NB)	[0.01595 , 0.0528]	2
DE-TriTraining (SMO)	[-0.00475 , 0.0236]	2
CoForest	[-0.0194 , 0.0063]	2
Rasco (NN)	[0.0369 , 0.07625]	2
Rasco (C45)	[0.00475 , 0.0248]	2
Rasco (NB)	[0.01735 , 0.0584]	2
Rasco (SMO)	[0.0125 , 0.0511]	2
Co-Bagging (NN)	[-0.00445 , 0.02195]	2
Co-Bagging (C45)	[-0.00965 , -0.001]	2
Co-Bagging (NB)	[0.01205 , 0.045]	2
Co-Bagging (SMO)	[-0.0086 , 0.02615]	2
Rel-Rasco (NN)	[0.03925 , 0.0756]	2
Rel-Rasco (C45)	[0.0065 , 0.02775]	2
Rel-Rasco (NB)	[0.017 , 0.05905]	2
Rel-Rasco (SMO)	[0.0125 , 0.0518]	2
CLCC	[0.028 , 0.10045]	2
APSSC	[0.0152 , 0.06145]	2
SNNRCE	[-0.0005 , 0.028]	2
ADE-CoForest	[-0.00015 , 0.03625]	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)	554.0	986.0	-	1
Self-Training (C45)	350.5	1189.5	-	1
Self-Training (SMO)	495.0	1045.0	-	1
Co-Training (NN)	590.0	950.0	-	1
Co-Training (C45)	358.0	1182.0	-	1
Co-Training (NB)	240.5	1299.5	-	1
Co-Training (SMO)	462.0	1078.0	-	1
Democratic-Co	115.5	1424.5	-	1
SETRED	510.0	1030.0	-	1
TriTraining (NN)	644.0	896.0	-	1
TriTraining (C45)	298.0	1242.0	-	1
TriTraining (NB)	185.0	1355.0	-	1
TriTraining (SMO)	517.0	1023.0	-	1
DE-TriTraining (NN)	519.5	1020.5	-	1
DE-TriTraining (C45)	422.0	1118.0	-	1
DE-TriTraining (NB)	495.5	1044.5	-	1
DE-TriTraining (SMO)	500.0	1040.0	-	1
CoForest	449.0	1091.0	-	1
Rasco (NN)	861.0	624.0	-	0.305544
Rasco (C45)	554.0	986.0	-	1
Rasco (NB)	495.0	990.0	-	1
Rasco (SMO)	686.5	798.5	-	1
Co-Bagging (NN)	457.0	1083.0	-	1
Co-Bagging (C45)	299.0	1186.0	-	1
Co-Bagging (NB)	314.5	1225.5	-	1
Co-Bagging (SMO)	470.5	1069.5	-	1
Rel-Rasco (NN)	922.5	617.5	-	0.1994
Rel-Rasco (C45)	526.0	959.0	-	1
Rel-Rasco (NB)	444.0	1041.0	-	1
Rel-Rasco (SMO)	715.5	824.5	-	1
CLCC	973.0	567.0	-	0.087855
APSSC	680.0	860.0	-	1
SNNRCE	532.0	1008.0	-	1
ADE-CoForest	591.0	949.0	-	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)	[-0.05195 , -0.00165]	2
Self-Training (C45)	[-0.0626 , -0.026]	2
Self-Training (SMO)	[-0.0551 , -0.00985]	2
Co-Training (NN)	[-0.048 , 0.0022]	2
Co-Training (C45)	[-0.06215 , -0.02605]	2
Co-Training (NB)	[-0.0169 , -0.0079]	2
Co-Training (SMO)	[-0.05955 , -0.01185]	2
Democratic-Co	[-0.0603 , -0.03445]	2
SETRED	[-0.05335 , -0.007]	2
TriTraining (NN)	[-0.0418 , 0.00585]	2
TriTraining (C45)	[-0.0669 , -0.03]	2
TriTraining (NB)	[-0.02035 , -0.0102]	2
TriTraining (SMO)	[-0.0541 , -0.00675]	2
DE-TriTraining (NN)	[-0.043 , -0.0044]	2
DE-TriTraining (C45)	[-0.0467 , -0.0154]	2
DE-TriTraining (NB)	[-0.01675 , -0.0036]	2
DE-TriTraining (SMO)	[-0.05095 , -0.00825]	2
CoForest	[-0.06215 , -0.01865]	2
Rasco (NN)	[-0.01 , 0.0426]	2
Rasco (C45)	[-0.0493 , -0.00385]	2
Rasco (NB)	[-0.0128 , -0.00165]	2
Rasco (SMO)	[-0.03365 , 0.01755]	2
Co-Bagging (NN)	[-0.0514 , -0.0107]	2
Co-Bagging (C45)	[-0.06925 , -0.03085]	2
Co-Bagging (NB)	[-0.0191 , -0.00745]	2
Co-Bagging (SMO)	[-0.05705 , -0.00985]	2
Rel-Rasco (NN)	[-0.0064 , 0.04275]	2
Rel-Rasco (C45)	[-0.04615 , -0.004]	2
Rel-Rasco (NB)	[-0.0134 , -0.0044]	2
Rel-Rasco (SMO)	[-0.0312 , 0.01685]	2
CLCC	[0.0006 , 0.02445]	2
APSSC	[-0.0249 , 0.0116]	2
SNNRCE	[-0.04945 , -0.00375]	2
ADE-CoForest	[-0.03795 , 0.0015]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.05805 , 0.00205]	2
Self-Training (C45)	[-0.06655 , -0.0238]	2
Self-Training (SMO)	[-0.0609 , -0.0053]	2
Co-Training (NN)	[-0.0542 , 0.0074]	2
Co-Training (C45)	[-0.06605 , -0.0223]	2
Co-Training (NB)	[-0.01815 , -0.007]	2
Co-Training (SMO)	[-0.06545 , -0.00875]	2
Democratic-Co	[-0.06435 , -0.0327]	2
SETRED	[-0.05975 , -0.00245]	2
TriTraining (NN)	[-0.05095 , 0.01175]	2
TriTraining (C45)	[-0.0713 , -0.0272]	2
TriTraining (NB)	[-0.0216 , -0.0093]	2
TriTraining (SMO)	[-0.0612 , -0.00225]	2
DE-TriTraining (NN)	[-0.04685 , -0.00175]	2
DE-TriTraining (C45)	[-0.05005 , -0.01215]	2
DE-TriTraining (NB)	[-0.0179 , -0.0022]	2
DE-TriTraining (SMO)	[-0.0562 , -0.00425]	2
CoForest	[-0.06865 , -0.01335]	2
Rasco (NN)	[-0.01505 , 0.0475]	2
Rasco (C45)	[-0.05315 , 0.0019]	2
Rasco (NB)	[-0.0145 , -0.0005]	2
Rasco (SMO)	[-0.0399 , 0.0217]	2
Co-Bagging (NN)	[-0.05645 , -0.00695]	2
Co-Bagging (C45)	[-0.07245 , -0.02745]	2
Co-Bagging (NB)	[-0.02035 , -0.0065]	2
Co-Bagging (SMO)	[-0.06215 , -0.00695]	2
Rel-Rasco (NN)	[-0.01215 , 0.04745]	2
Rel-Rasco (C45)	[-0.0504 , 0.0019]	2
Rel-Rasco (NB)	[-0.01425 , -0.00295]	2
Rel-Rasco (SMO)	[-0.03635 , 0.02115]	2
CLCC	[-0.0022 , 0.0274]	2
APSSC	[-0.0299 , 0.0154]	2
SNNRCE	[-0.05485 , -0.00035]	2
ADE-CoForest	[-0.042 , 0.00525]	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)	824.0	661.0	-	0.479692
Self-Training (C45)	709.5	830.5	-	1
Self-Training (NB)	1045.0	495.0	-	0.020983
Co-Training (NN)	924.5	615.5	-	0.193588
Co-Training (C45)	692.0	848.0	-	1
Co-Training (NB)	961.0	579.0	-	0.108606
Co-Training (SMO)	601.5	883.5	-	1
Democratic-Co	619.5	865.5	-	1
SETRED	847.0	693.0	-	0.51568
TriTraining (NN)	962.5	577.5	-	0.105135
TriTraining (C45)	638.5	901.5	-	1
TriTraining (NB)	887.5	597.5	-	0.209792
TriTraining (SMO)	792.5	747.5	-	0.847031
DE-TriTraining (NN)	904.0	636.0	-	0.259779
DE-TriTraining (C45)	874.0	666.0	-	0.38127
DE-TriTraining (NB)	979.0	506.0	-	0.04107
DE-TriTraining (SMO)	741.0	744.0	-	1
CoForest	770.5	769.5	-	0.993315
Rasco (NN)	1271.0	269.0	-	0.000026
Rasco (C45)	835.5	649.5	-	0.420287
Rasco (NB)	969.0	516.0	-	0.05064
Rasco (SMO)	1082.0	458.0	-	0.008766
Co-Bagging (NN)	809.5	730.5	-	0.736987
Co-Bagging (C45)	636.5	903.5	-	1
Co-Bagging (NB)	939.0	601.0	-	0.15556
Co-Bagging (SMO)	731.5	753.5	-	1
Rel-Rasco (NN)	1273.0	267.0	-	0.000025
Rel-Rasco (C45)	885.5	654.5	-	0.330588
Rel-Rasco (NB)	1006.0	534.0	-	0.047532
Rel-Rasco (SMO)	1101.0	384.0	-	0.00195
CLCC	1126.0	359.0	-	0.000945
APSSC	1031.0	454.0	-	0.012641
SNNRCE	891.5	648.5	-	0.306188
ADE-CoForest	1065.0	475.0	-	0.013292

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)	[-0.00855 , 0.01955]	2
Self-Training (C45)	[-0.02365 , 0.0108]	2
Self-Training (NB)	[0.00985 , 0.0551]	2
Co-Training (NN)	[-0.00365 , 0.0286]	2
Co-Training (C45)	[-0.024 , 0.01055]	2
Co-Training (NB)	[-0.0002 , 0.04355]	2
Co-Training (SMO)	[-0.0065 , 0.00035]	2
Democratic-Co	[-0.02745 , 0.0036]	2
SETRED	[-0.01075 , 0.01795]	2
TriTraining (NN)	[-0.0001 , 0.0271]	2
TriTraining (C45)	[-0.0252 , 0.0044]	2
TriTraining (NB)	[-0.00495 , 0.0401]	2
TriTraining (SMO)	[-0.00245 , 0.0056]	2
DE-TriTraining (NN)	[-0.00385 , 0.01985]	2
DE-TriTraining (C45)	[-0.0083 , 0.0214]	2
DE-TriTraining (NB)	[0.0056 , 0.0507]	2
DE-TriTraining (SMO)	[-0.0095 , 0.0097]	2
CoForest	[-0.017 , 0.01675]	2
Rasco (NN)	[0.03065 , 0.06175]	2
Rasco (C45)	[-0.0103 , 0.033]	2
Rasco (NB)	[0.0049 , 0.0538]	2
Rasco (SMO)	[0.0054 , 0.03365]	2
Co-Bagging (NN)	[-0.0112 , 0.0137]	2
Co-Bagging (C45)	[-0.02685 , 0.00405]	2
Co-Bagging (NB)	[-0.00345 , 0.0427]	2
Co-Bagging (SMO)	[-0.0046 , 0.0023]	2
Rel-Rasco (NN)	[0.03285 , 0.06515]	2
Rel-Rasco (C45)	[-0.0075 , 0.0333]	2
Rel-Rasco (NB)	[0.0051 , 0.0524]	2
Rel-Rasco (SMO)	[0.00725 , 0.0318]	2
CLCC	[0.0331 , 0.08795]	2
APSSC	[0.00885 , 0.04995]	2
SNNRCE	[-0.00735 , 0.0222]	2
ADE-CoForest	[0.00925 , 0.03835]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0116 , 0.02265]	2
Self-Training (C45)	[-0.0282 , 0.01345]	2
Self-Training (NB)	[0.0053 , 0.0609]	2
Co-Training (NN)	[-0.0074 , 0.0321]	2
Co-Training (C45)	[-0.02775 , 0.01385]	2
Co-Training (NB)	[-0.006 , 0.04795]	2
Co-Training (SMO)	[-0.0071 , 0.00085]	2
Democratic-Co	[-0.031 , 0.00515]	2
SETRED	[-0.0135 , 0.0203]	2
TriTraining (NN)	[-0.0026 , 0.03045]	2
TriTraining (C45)	[-0.0302 , 0.0071]	2
TriTraining (NB)	[-0.009 , 0.0447]	2
TriTraining (SMO)	[-0.00335 , 0.00705]	2
DE-TriTraining (NN)	[-0.00655 , 0.02275]	2
DE-TriTraining (C45)	[-0.01265 , 0.02515]	2
DE-TriTraining (NB)	[0.00165 , 0.0558]	2
DE-TriTraining (SMO)	[-0.0119 , 0.0123]	2
CoForest	[-0.0197 , 0.02]	2
Rasco (NN)	[0.0277 , 0.06605]	2
Rasco (C45)	[-0.0154 , 0.0372]	2
Rasco (NB)	[0.00025 , 0.0579]	2
Rasco (SMO)	[0.00365 , 0.0366]	2
Co-Bagging (NN)	[-0.01445 , 0.016]	2
Co-Bagging (C45)	[-0.03045 , 0.00785]	2
Co-Bagging (NB)	[-0.00755 , 0.04645]	2
Co-Bagging (SMO)	[-0.00575 , 0.00295]	2
Rel-Rasco (NN)	[0.0295 , 0.069]	2
Rel-Rasco (C45)	[-0.01235 , 0.03765]	2
Rel-Rasco (NB)	[0.00105 , 0.0582]	2
Rel-Rasco (SMO)	[0.00555 , 0.0355]	2
CLCC	[0.02775 , 0.09425]	2
APSSC	[0.00575 , 0.05295]	2
SNNRCE	[-0.01125 , 0.0247]	2
ADE-CoForest	[0.00565 , 0.0408]	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)	573.5	966.5	-	1
Self-Training (C45)	540.5	999.5	-	1
Self-Training (NB)	950.0	590.0	-	0.13045
Self-Training (SMO)	615.5	924.5	-	1
Co-Training (C45)	560.0	980.0	-	1
Co-Training (NB)	832.0	653.0	-	0.438387
Co-Training (SMO)	438.5	1046.5	-	1
Democratic-Co	413.0	1127.0	-	1
SETRED	447.5	1037.5	-	1
TriTraining (NN)	909.5	575.5	-	0.148805
TriTraining (C45)	477.0	1008.0	-	1
TriTraining (NB)	822.5	662.5	-	0.487295
TriTraining (SMO)	556.0	929.0	-	1
DE-TriTraining (NN)	759.5	780.5	-	1
DE-TriTraining (C45)	636.0	904.0	-	1
DE-TriTraining (NB)	875.0	665.0	-	0.37623
DE-TriTraining (SMO)	515.5	1024.5	-	1
CoForest	564.0	976.0	-	1
Rasco (NN)	1262.5	222.5	-	0.000007
Rasco (C45)	778.5	761.5	-	0.939828
Rasco (NB)	926.0	614.0	-	0.189776
Rasco (SMO)	826.5	658.5	-	0.466401
Co-Bagging (NN)	574.0	966.0	-	1
Co-Bagging (C45)	464.0	1021.0	-	1
Co-Bagging (NB)	875.0	665.0	-	0.37673
Co-Bagging (SMO)	509.5	1030.5	-	1
Rel-Rasco (NN)	1347.5	192.5	-	0.000001
Rel-Rasco (C45)	777.5	762.5	-	0.946447
Rel-Rasco (NB)	936.0	604.0	-	0.163007
Rel-Rasco (SMO)	849.5	690.5	-	0.502229
CLCC	1120.0	420.0	-	0.003317
APSSC	996.0	544.0	-	0.05773
SNNRCE	763.0	777.0	-	1
ADE-CoForest	759.0	726.0	-	0.883502

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)	[-0.0096 , 0]	2
Self-Training (C45)	[-0.031 , -0.00225]	2
Self-Training (NB)	[-0.0022 , 0.048]	2
Self-Training (SMO)	[-0.0286 , 0.00365]	2
Co-Training (C45)	[-0.0302 , -0.0006]	2
Co-Training (NB)	[-0.01285 , 0.0341]	2
Co-Training (SMO)	[-0.03485 , -0.00925]	2
Democratic-Co	[-0.03885 , -0.01095]	2
SETRED	[-0.00895 , -0.00125]	2
TriTraining (NN)	[-0.0009 , 0.01435]	2
TriTraining (C45)	[-0.0348 , -0.00585]	2
TriTraining (NB)	[-0.0151 , 0.02965]	2
TriTraining (SMO)	[-0.0294 , -0.00015]	2
DE-TriTraining (NN)	[-0.0109 , 0.0109]	2
DE-TriTraining (C45)	[-0.0237 , 0.0046]	2
DE-TriTraining (NB)	[-0.00975 , 0.0366]	2
DE-TriTraining (SMO)	[-0.0244 , -0.0038]	2
CoForest	[-0.0313 , -0.0014]	2
Rasco (NN)	[0.01905 , 0.0506]	2
Rasco (C45)	[-0.01785 , 0.02115]	2
Rasco (NB)	[-0.0042 , 0.03925]	2
Rasco (SMO)	[-0.0095 , 0.0282]	2
Co-Bagging (NN)	[-0.01685 , -0.00005]	2
Co-Bagging (C45)	[-0.0361 , -0.00695]	2
Co-Bagging (NB)	[-0.0113 , 0.0313]	2
Co-Bagging (SMO)	[-0.0289 , -0.00485]	2
Rel-Rasco (NN)	[0.01955 , 0.0479]	2
Rel-Rasco (C45)	[-0.0174 , 0.022]	2
Rel-Rasco (NB)	[-0.00335 , 0.0395]	2
Rel-Rasco (SMO)	[-0.00995 , 0.0272]	2
CLCC	[0.0175 , 0.07755]	2
APSSC	[0.0027 , 0.0395]	2
SNNRCE	[-0.00655 , 0.00535]	2
ADE-CoForest	[-0.01335 , 0.0206]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0113 , 0.00075]	2
Self-Training (C45)	[-0.03495 , 0.00015]	2
Self-Training (NB)	[-0.0074 , 0.0542]	2
Self-Training (SMO)	[-0.0321 , 0.0074]	2
Co-Training (C45)	[-0.03365 , 0.00285]	2
Co-Training (NB)	[-0.01755 , 0.03895]	2
Co-Training (SMO)	[-0.03805 , -0.00645]	2
Democratic-Co	[-0.0425 , -0.00835]	2
SETRED	[-0.01025 , -0.00075]	2
TriTraining (NN)	[-0.0021 , 0.0158]	2
TriTraining (C45)	[-0.0395 , -0.0027]	2
TriTraining (NB)	[-0.01915 , 0.03415]	2
TriTraining (SMO)	[-0.03205 , 0.00355]	2
DE-TriTraining (NN)	[-0.01285 , 0.01365]	2
DE-TriTraining (C45)	[-0.026 , 0.0076]	2
DE-TriTraining (NB)	[-0.0144 , 0.04055]	2
DE-TriTraining (SMO)	[-0.0266 , -0.00115]	2
CoForest	[-0.03405 , 0.0021]	2
Rasco (NN)	[0.01695 , 0.05535]	2
Rasco (C45)	[-0.0216 , 0.02755]	2
Rasco (NB)	[-0.00815 , 0.04485]	2
Rasco (SMO)	[-0.0128 , 0.03155]	2
Co-Bagging (NN)	[-0.01835 , 0.0016]	2
Co-Bagging (C45)	[-0.04055 , -0.00475]	2
Co-Bagging (NB)	[-0.01555 , 0.03595]	2
Co-Bagging (SMO)	[-0.0318 , -0.00225]	2
Rel-Rasco (NN)	[0.0174 , 0.0518]	2
Rel-Rasco (C45)	[-0.02225 , 0.02725]	2
Rel-Rasco (NB)	[-0.00825 , 0.0457]	2
Rel-Rasco (SMO)	[-0.0135 , 0.03345]	2
CLCC	[0.0131 , 0.0837]	2
APSSC	[-0.0005 , 0.0436]	2
SNNRCE	[-0.0079 , 0.00695]	2
ADE-CoForest	[-0.01565 , 0.02515]	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)	911.0	574.0	-	0.145634
Self-Training (C45)	803.5	681.5	-	0.594852
Self-Training (NB)	1182.0	358.0	-	0.000548
Self-Training (SMO)	848.0	692.0	-	0.510278
Co-Training (NN)	980.0	560.0	-	0.077785
Co-Training (NB)	1063.0	477.0	-	0.013829
Co-Training (SMO)	809.5	730.5	-	0.736987
Democratic-Co	576.5	963.5	-	1
SETRED	921.5	618.5	-	0.202354
TriTraining (NN)	1015.0	525.0	-	0.039073
TriTraining (C45)	581.0	959.0	-	1
TriTraining (NB)	1052.5	487.5	-	0.017615
TriTraining (SMO)	838.5	701.5	-	0.562364
DE-TriTraining (NN)	940.5	544.5	-	0.087087
DE-TriTraining (C45)	1097.5	442.5	-	0.005993
DE-TriTraining (NB)	1153.0	387.0	-	0.001313
DE-TriTraining (SMO)	907.5	632.5	-	0.247088
CoForest	608.5	931.5	-	1
Rasco (NN)	1364.0	176.0	-	0.000001
Rasco (C45)	1185.0	355.0	-	0.000492
Rasco (NB)	1147.0	393.0	-	0.001562
Rasco (SMO)	1133.0	407.0	-	0.002322
Co-Bagging (NN)	843.0	642.0	-	0.384502
Co-Bagging (C45)	521.5	1018.5	-	1
Co-Bagging (NB)	1107.5	432.5	-	0.004541
Co-Bagging (SMO)	872.0	668.0	-	0.389954
Rel-Rasco (NN)	1362.0	178.0	-	0.000001
Rel-Rasco (C45)	1316.5	223.5	-	0.000004
Rel-Rasco (NB)	1143.0	397.0	-	0.001752
Rel-Rasco (SMO)	1132.0	408.0	-	0.002388
CLCC	1241.0	299.0	-	0.000078
APSSC	1061.5	423.5	-	0.005835
SNNRCE	969.0	571.0	-	0.094274
ADE-CoForest	996.0	544.0	-	0.056686

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)	[-0.00175 , 0.028]	2
Self-Training (C45)	[-0.0018 , 0.0031]	2
Self-Training (NB)	[0.02605 , 0.06215]	2
Self-Training (SMO)	[-0.01055 , 0.024]	2
Co-Training (NN)	[0.0006 , 0.0302]	2
Co-Training (NB)	[0.01115 , 0.04545]	2
Co-Training (SMO)	[-0.01235 , 0.01745]	2
Democratic-Co	[-0.01555 , 0.00005]	2
SETRED	[-0.0037 , 0.0251]	2
TriTraining (NN)	[0.00475 , 0.03675]	2
TriTraining (C45)	[-0.0055 , 0]	2
TriTraining (NB)	[0.0085 , 0.04015]	2
TriTraining (SMO)	[-0.00955 , 0.02175]	2
DE-TriTraining (NN)	[0.0004 , 0.0237]	2
DE-TriTraining (C45)	[0.00355 , 0.0182]	2
DE-TriTraining (NB)	[0.01805 , 0.0495]	2
DE-TriTraining (SMO)	[-0.0035 , 0.0203]	2
CoForest	[-0.01765 , 0.00145]	2
Rasco (NN)	[0.0421 , 0.0729]	2
Rasco (C45)	[0.00495 , 0.0192]	2
Rasco (NB)	[0.01815 , 0.0542]	2
Rasco (SMO)	[0.0135 , 0.0472]	2
Co-Bagging (NN)	[-0.0065 , 0.0195]	2
Co-Bagging (C45)	[-0.00605 , -0.0007]	2
Co-Bagging (NB)	[0.01255 , 0.04225]	2
Co-Bagging (SMO)	[-0.00685 , 0.0213]	2
Rel-Rasco (NN)	[0.0444 , 0.0716]	2
Rel-Rasco (C45)	[0.0092 , 0.02425]	2
Rel-Rasco (NB)	[0.0178 , 0.0556]	2
Rel-Rasco (SMO)	[0.01315 , 0.0498]	2
CLCC	[0.03405 , 0.08965]	2
APSSC	[0.0184 , 0.0587]	2
SNNRCE	[0.0004 , 0.0255]	2
ADE-CoForest	[0.002 , 0.03275]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.005 , 0.03065]	2
Self-Training (C45)	[-0.00285 , 0.0035]	2
Self-Training (NB)	[0.0223 , 0.06605]	2
Self-Training (SMO)	[-0.01385 , 0.02775]	2
Co-Training (NN)	[-0.00285 , 0.03365]	2
Co-Training (NB)	[0.0071 , 0.04985]	2
Co-Training (SMO)	[-0.0159 , 0.02055]	2
Democratic-Co	[-0.0172 , 0.00215]	2
SETRED	[-0.0071 , 0.0282]	2
TriTraining (NN)	[0.0012 , 0.03965]	2
TriTraining (C45)	[-0.00645 , 0.00015]	2
TriTraining (NB)	[0.005 , 0.04475]	2
TriTraining (SMO)	[-0.0127 , 0.0257]	2
DE-TriTraining (NN)	[-0.00195 , 0.0275]	2
DE-TriTraining (C45)	[0.00255 , 0.0197]	2
DE-TriTraining (NB)	[0.0159 , 0.05265]	2
DE-TriTraining (SMO)	[-0.00535 , 0.02235]	2
CoForest	[-0.0202 , 0.00325]	2
Rasco (NN)	[0.03945 , 0.07665]	2
Rasco (C45)	[0.0041 , 0.02215]	2
Rasco (NB)	[0.01485 , 0.0578]	2
Rasco (SMO)	[0.0101 , 0.0502]	2
Co-Bagging (NN)	[-0.0089 , 0.0227]	2
Co-Bagging (C45)	[-0.00695 , -0.0002]	2
Co-Bagging (NB)	[0.0095 , 0.0455]	2
Co-Bagging (SMO)	[-0.01045 , 0.0237]	2
Rel-Rasco (NN)	[0.0414 , 0.075]	2
Rel-Rasco (C45)	[0.0074 , 0.02585]	2
Rel-Rasco (NB)	[0.0142 , 0.0596]	2
Rel-Rasco (SMO)	[0.0109 , 0.0527]	2
CLCC	[0.0309 , 0.10005]	2
APSSC	[0.0152 , 0.06275]	2
SNNRCE	[-0.0027 , 0.0281]	2
ADE-CoForest	[-0.0003 , 0.03755]	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)	599.5	885.5	-	1
Self-Training (C45)	423.0	1117.0	-	1
Self-Training (NB)	1299.5	240.5	-	0.000008
Self-Training (SMO)	579.0	961.0	-	1
Co-Training (NN)	653.0	832.0	-	1
Co-Training (C45)	477.0	1063.0	-	1
Co-Training (SMO)	525.5	959.5	-	1
Democratic-Co	195.0	1290.0	-	1
SETRED	599.5	940.5	-	1
TriTraining (NN)	689.5	795.5	-	1
TriTraining (C45)	379.0	1161.0	-	1
TriTraining (NB)	394.5	1090.5	-	1
TriTraining (SMO)	583.0	902.0	-	1
DE-TriTraining (NN)	654.0	886.0	-	1
DE-TriTraining (C45)	564.0	976.0	-	1
DE-TriTraining (NB)	816.5	668.5	-	0.520774
DE-TriTraining (SMO)	576.5	908.5	-	1
CoForest	523.0	1017.0	-	1
Rasco (NN)	961.0	524.0	-	0.059344
Rasco (C45)	663.0	877.0	-	1
Rasco (NB)	895.0	645.0	-	0.292013
Rasco (SMO)	812.0	728.0	-	0.721495
Co-Bagging (NN)	539.0	946.0	-	1
Co-Bagging (C45)	406.0	1134.0	-	1
Co-Bagging (NB)	699.5	785.5	-	1
Co-Bagging (SMO)	582.5	957.5	-	1
Rel-Rasco (NN)	1021.0	519.0	-	0.0351
Rel-Rasco (C45)	661.0	879.0	-	1
Rel-Rasco (NB)	806.0	679.0	-	0.581597
Rel-Rasco (SMO)	824.0	716.0	-	0.647936
CLCC	1134.0	351.0	-	0.000738
APSSC	785.5	699.5	-	0.707699
SNNRCE	626.0	914.0	-	1
ADE-CoForest	703.5	836.5	-	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)	[-0.0384 , 0.00565]	2
Self-Training (C45)	[-0.0482 , -0.0136]	2
Self-Training (NB)	[0.0079 , 0.0169]	2
Self-Training (SMO)	[-0.04355 , 0.0002]	2
Co-Training (NN)	[-0.0341 , 0.01285]	2
Co-Training (C45)	[-0.04545 , -0.01115]	2
Co-Training (SMO)	[-0.04905 , -0.003]	2
Democratic-Co	[-0.0454 , -0.02105]	2
SETRED	[-0.04025 , 0.003]	2
TriTraining (NN)	[-0.031 , 0.01615]	2
TriTraining (C45)	[-0.0524 , -0.01765]	2
TriTraining (NB)	[-0.00725 , -0.0015]	2
TriTraining (SMO)	[-0.0434 , 0.00355]	2
DE-TriTraining (NN)	[-0.0261 , 0.0051]	2
DE-TriTraining (C45)	[-0.0302 , -0.00105]	2
DE-TriTraining (NB)	[-0.0038 , 0.01]	2
DE-TriTraining (SMO)	[-0.0363 , 0.00315]	2
CoForest	[-0.0511 , -0.00585]	2
Rasco (NN)	[0.0033 , 0.0539]	2
Rasco (C45)	[-0.0323 , 0.01205]	2
Rasco (NB)	[-0.00135 , 0.01125]	2
Rasco (SMO)	[-0.01895 , 0.0291]	2
Co-Bagging (NN)	[-0.03515 , -0.0006]	2
Co-Bagging (C45)	[-0.0538 , -0.0185]	2
Co-Bagging (NB)	[-0.00395 , 0.00215]	2
Co-Bagging (SMO)	[-0.0449 , 0.0012]	2
Rel-Rasco (NN)	[0.00695 , 0.0536]	2
Rel-Rasco (C45)	[-0.03075 , 0.01165]	2
Rel-Rasco (NB)	[-0.00265 , 0.01055]	2
Rel-Rasco (SMO)	[-0.0174 , 0.02985]	2
CLCC	[0.0133 , 0.03885]	2
APSSC	[-0.0153 , 0.02465]	2
SNNRCE	[-0.0365 , 0.00625]	2
ADE-CoForest	[-0.0238 , 0.0127]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0443 , 0.01025]	2
Self-Training (C45)	[-0.05045 , -0.01125]	2
Self-Training (NB)	[0.007 , 0.01815]	2
Self-Training (SMO)	[-0.04795 , 0.006]	2
Co-Training (NN)	[-0.03895 , 0.01755]	2
Co-Training (C45)	[-0.04985 , -0.0071]	2
Co-Training (SMO)	[-0.05345 , 0.0011]	2
Democratic-Co	[-0.0482 , -0.01965]	2
SETRED	[-0.0452 , 0.0066]	2
TriTraining (NN)	[-0.0358 , 0.0194]	2
TriTraining (C45)	[-0.0552 , -0.01525]	2
TriTraining (NB)	[-0.0078 , -0.0012]	2
TriTraining (SMO)	[-0.0483 , 0.00835]	2
DE-TriTraining (NN)	[-0.02965 , 0.00835]	2
DE-TriTraining (C45)	[-0.033 , 0.00235]	2
DE-TriTraining (NB)	[-0.00515 , 0.01155]	2
DE-TriTraining (SMO)	[-0.04045 , 0.00675]	2
CoForest	[-0.05455 , -0.002]	2
Rasco (NN)	[-0.00145 , 0.05965]	2
Rasco (C45)	[-0.0363 , 0.01675]	2
Rasco (NB)	[-0.0023 , 0.0127]	2
Rasco (SMO)	[-0.02415 , 0.0355]	2
Co-Bagging (NN)	[-0.03925 , 0.00285]	2
Co-Bagging (C45)	[-0.05675 , -0.01465]	2
Co-Bagging (NB)	[-0.00465 , 0.0029]	2
Co-Bagging (SMO)	[-0.05075 , 0.00475]	2
Rel-Rasco (NN)	[0.0022 , 0.0587]	2
Rel-Rasco (C45)	[-0.03455 , 0.01675]	2
Rel-Rasco (NB)	[-0.00355 , 0.0118]	2
Rel-Rasco (SMO)	[-0.02185 , 0.0339]	2
CLCC	[0.0115 , 0.0427]	2
APSSC	[-0.0196 , 0.0291]	2
SNNRCE	[-0.0405 , 0.01015]	2
ADE-CoForest	[-0.0278 , 0.017]	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)	1006.0	534.0	-	0.0473
Self-Training (C45)	719.0	821.0	-	1
Self-Training (NB)	1078.0	462.0	-	0.009668
Self-Training (SMO)	883.5	601.5	-	0.219599
Co-Training (NN)	1046.5	438.5	-	0.008674
Co-Training (C45)	730.5	809.5	-	1
Co-Training (NB)	959.5	525.5	-	0.060828
Democratic-Co	653.5	886.5	-	1
SETRED	994.0	546.0	-	0.059706
TriTraining (NN)	1102.5	437.5	-	0.005222
TriTraining (C45)	634.0	851.0	-	1
TriTraining (NB)	927.0	558.0	-	0.111185
TriTraining (SMO)	965.5	519.5	-	0.05353
DE-TriTraining (NN)	994.5	545.5	-	0.05914
DE-TriTraining (C45)	915.0	570.0	-	0.136338
DE-TriTraining (NB)	1047.5	492.5	-	0.019718
DE-TriTraining (SMO)	918.0	622.0	-	0.212941
CoForest	794.5	745.5	-	0.833915
Rasco (NN)	1313.0	227.0	-	0.000005
Rasco (C45)	949.0	591.0	-	0.132594
Rasco (NB)	1060.0	480.0	-	0.014934
Rasco (SMO)	1200.0	285.0	-	0.000079
Co-Bagging (NN)	915.0	570.0	-	0.135495
Co-Bagging (C45)	647.0	838.0	-	1
Co-Bagging (NB)	983.0	557.0	-	0.073644
Co-Bagging (SMO)	957.5	527.5	-	0.063525
Rel-Rasco (NN)	1345.0	195.0	-	0.000001
Rel-Rasco (C45)	950.0	590.0	-	0.13045
Rel-Rasco (NB)	1061.0	479.0	-	0.014489
Rel-Rasco (SMO)	1237.0	303.0	-	0.00009
CLCC	1144.5	340.5	-	0.000522
APSSC	1158.0	382.0	-	0.001134
SNNRCE	1024.5	515.5	-	0.032273
ADE-CoForest	1044.0	496.0	-	0.021317

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)	[0.0034 , 0.02585]	2
Self-Training (C45)	[-0.0176 , 0.0112]	2
Self-Training (NB)	[0.01185 , 0.05955]	2
Self-Training (SMO)	[-0.00035 , 0.0065]	2
Co-Training (NN)	[0.00925 , 0.03485]	2
Co-Training (C45)	[-0.01745 , 0.01235]	2
Co-Training (NB)	[0.003 , 0.04905]	2
Democratic-Co	[-0.023 , 0.00455]	2
SETRED	[0.00175 , 0.0234]	2
TriTraining (NN)	[0.00915 , 0.0351]	2
TriTraining (C45)	[-0.0212 , 0.0066]	2
TriTraining (NB)	[-0.00115 , 0.04425]	2
TriTraining (SMO)	[0.00045 , 0.0091]	2
DE-TriTraining (NN)	[0.0021 , 0.0302]	2
DE-TriTraining (C45)	[-0.00055 , 0.02395]	2
DE-TriTraining (NB)	[0.0098 , 0.0508]	2
DE-TriTraining (SMO)	[-0.002 , 0.0154]	2
CoForest	[-0.0133 , 0.0175]	2
Rasco (NN)	[0.0377 , 0.0764]	2
Rasco (C45)	[-0.00155 , 0.03465]	2
Rasco (NB)	[0.01005 , 0.05555]	2
Rasco (SMO)	[0.01365 , 0.0377]	2
Co-Bagging (NN)	[-0.00095 , 0.0201]	2
Co-Bagging (C45)	[-0.0206 , 0.00485]	2
Co-Bagging (NB)	[0.0011 , 0.04405]	2
Co-Bagging (SMO)	[0.0004 , 0.0075]	2
Rel-Rasco (NN)	[0.03785 , 0.0757]	2
Rel-Rasco (C45)	[-0.0016 , 0.03545]	2
Rel-Rasco (NB)	[0.0106 , 0.0575]	2
Rel-Rasco (SMO)	[0.0138 , 0.03795]	2
CLCC	[0.03245 , 0.09915]	2
APSSC	[0.02245 , 0.06155]	2
SNNRCE	[0.005 , 0.02895]	2
ADE-CoForest	[0.0082 , 0.0377]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0001 , 0.0281]	2
Self-Training (C45)	[-0.0203 , 0.01435]	2
Self-Training (NB)	[0.00875 , 0.06545]	2
Self-Training (SMO)	[-0.00085 , 0.0071]	2
Co-Training (NN)	[0.00645 , 0.03805]	2
Co-Training (C45)	[-0.02055 , 0.0159]	2
Co-Training (NB)	[-0.0011 , 0.05345]	2
Democratic-Co	[-0.02515 , 0.0065]	2
SETRED	[-0.0009 , 0.02495]	2
TriTraining (NN)	[0.0069 , 0.0383]	2
TriTraining (C45)	[-0.02385 , 0.0089]	2
TriTraining (NB)	[-0.00505 , 0.0483]	2
TriTraining (SMO)	[0 , 0.0098]	2
DE-TriTraining (NN)	[-0.0005 , 0.03325]	2
DE-TriTraining (C45)	[-0.00375 , 0.0268]	2
DE-TriTraining (NB)	[0.0054 , 0.0559]	2
DE-TriTraining (SMO)	[-0.0033 , 0.01795]	2
CoForest	[-0.0171 , 0.0209]	2
Rasco (NN)	[0.03445 , 0.0814]	2
Rasco (C45)	[-0.005 , 0.0389]	2
Rasco (NB)	[0.00705 , 0.06005]	2
Rasco (SMO)	[0.01145 , 0.0411]	2
Co-Bagging (NN)	[-0.00295 , 0.02245]	2
Co-Bagging (C45)	[-0.0233 , 0.0088]	2
Co-Bagging (NB)	[-0.00155 , 0.0495]	2
Co-Bagging (SMO)	[-0.0002 , 0.00825]	2
Rel-Rasco (NN)	[0.0341 , 0.0797]	2
Rel-Rasco (C45)	[-0.0047 , 0.0392]	2
Rel-Rasco (NB)	[0.0061 , 0.06295]	2
Rel-Rasco (SMO)	[0.01195 , 0.0419]	2
CLCC	[0.0247 , 0.1087]	2
APSSC	[0.01655 , 0.0654]	2
SNNRCE	[0.0019 , 0.03165]	2
ADE-CoForest	[0.0052 , 0.0419]	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)	1059.5	425.5	-	0.006206
Self-Training (C45)	916.0	624.0	-	0.219651
Self-Training (NB)	1424.5	115.5	-	0
Self-Training (SMO)	865.5	619.5	-	0.286579
Co-Training (NN)	1127.0	413.0	-	0.002741
Co-Training (C45)	963.5	576.5	-	0.104069
Co-Training (NB)	1290.0	195.0	-	0.000002
Co-Training (SMO)	886.5	653.5	-	0.325929
SETRED	1066.0	474.0	-	0.012983
TriTraining (NN)	1121.0	364.0	-	0.001101
TriTraining (C45)	810.5	674.5	-	0.554472
TriTraining (NB)	1258.5	226.5	-	0.000009
TriTraining (SMO)	908.5	631.5	-	0.243679
DE-TriTraining (NN)	1177.0	363.0	-	0.00064
DE-TriTraining (C45)	1177.0	308.0	-	0.000177
DE-TriTraining (NB)	1451.5	88.5	-	0
DE-TriTraining (SMO)	1002.5	482.5	-	0.024127
CoForest	824.0	716.0	-	0.647936
Rasco (NN)	1426.0	114.0	-	0
Rasco (C45)	1109.5	375.5	-	0.001519
Rasco (NB)	1348.0	137.0	-	0
Rasco (SMO)	1204.0	336.0	-	0.000272
Co-Bagging (NN)	1044.5	495.5	-	0.021082
Co-Bagging (C45)	770.5	714.5	-	0.805949
Co-Bagging (NB)	1391.0	149.0	-	0
Co-Bagging (SMO)	962.0	578.0	-	0.106406
Rel-Rasco (NN)	1473.0	67.0	-	0
Rel-Rasco (C45)	1158.0	382.0	-	0.001107
Rel-Rasco (NB)	1330.0	155.0	-	0
Rel-Rasco (SMO)	1217.0	323.0	-	0.000175
CLCC	1427.0	113.0	-	0
APSSC	1262.0	278.0	-	0.000037
SNNRCE	1160.0	380.0	-	0.001043
ADE-CoForest	1131.5	353.5	-	0.000787

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)	[0.00915 , 0.0341]	2
Self-Training (C45)	[-0.0015 , 0.01415]	2
Self-Training (NB)	[0.03445 , 0.0603]	2
Self-Training (SMO)	[-0.0036 , 0.02745]	2
Co-Training (NN)	[0.01095 , 0.03885]	2
Co-Training (C45)	[-0.00005 , 0.01555]	2
Co-Training (NB)	[0.02105 , 0.0454]	2
Co-Training (SMO)	[-0.00455 , 0.023]	2
SETRED	[0.0068 , 0.03015]	2
TriTraining (NN)	[0.0158 , 0.0426]	2
TriTraining (C45)	[-0.00485 , 0.0108]	2
TriTraining (NB)	[0.01725 , 0.03985]	2
TriTraining (SMO)	[-0.0033 , 0.02945]	2
DE-TriTraining (NN)	[0.0098 , 0.0295]	2
DE-TriTraining (C45)	[0.01105 , 0.02925]	2
DE-TriTraining (NB)	[0.02725 , 0.0523]	2
DE-TriTraining (SMO)	[0.0043 , 0.02705]	2
CoForest	[-0.0086 , 0.01615]	2
Rasco (NN)	[0.0469 , 0.0814]	2
Rasco (C45)	[0.00935 , 0.0371]	2
Rasco (NB)	[0.0306 , 0.0557]	2
Rasco (SMO)	[0.02035 , 0.0537]	2
Co-Bagging (NN)	[0.00435 , 0.02555]	2
Co-Bagging (C45)	[-0.00605 , 0.0087]	2
Co-Bagging (NB)	[0.02265 , 0.04225]	2
Co-Bagging (SMO)	[-0.00025 , 0.0257]	2
Rel-Rasco (NN)	[0.0481 , 0.07825]	2
Rel-Rasco (C45)	[0.01095 , 0.03805]	2
Rel-Rasco (NB)	[0.03055 , 0.05515]	2
Rel-Rasco (SMO)	[0.02155 , 0.0555]	2
CLCC	[0.04305 , 0.09515]	2
APSSC	[0.02665 , 0.0597]	2
SNNRCE	[0.0123 , 0.0323]	2
ADE-CoForest	[0.0112 , 0.0416]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.00615 , 0.03735]	2
Self-Training (C45)	[-0.0026 , 0.0156]	2
Self-Training (NB)	[0.0327 , 0.06435]	2
Self-Training (SMO)	[-0.00515 , 0.031]	2
Co-Training (NN)	[0.00835 , 0.0425]	2
Co-Training (C45)	[-0.00215 , 0.0172]	2
Co-Training (NB)	[0.01965 , 0.0482]	2
Co-Training (SMO)	[-0.0065 , 0.02515]	2
SETRED	[0.00415 , 0.03365]	2
TriTraining (NN)	[0.0133 , 0.04615]	2
TriTraining (C45)	[-0.00655 , 0.01235]	2
TriTraining (NB)	[0.01455 , 0.04255]	2
TriTraining (SMO)	[-0.0056 , 0.0327]	2
DE-TriTraining (NN)	[0.0079 , 0.0322]	2
DE-TriTraining (C45)	[0.0099 , 0.0316]	2
DE-TriTraining (NB)	[0.02495 , 0.0559]	2
DE-TriTraining (SMO)	[0.002 , 0.0295]	2
CoForest	[-0.01135 , 0.0195]	2
Rasco (NN)	[0.04395 , 0.0858]	2
Rasco (C45)	[0.00755 , 0.04065]	2
Rasco (NB)	[0.0285 , 0.0583]	2
Rasco (SMO)	[0.0178 , 0.05805]	2
Co-Bagging (NN)	[0.0022 , 0.02825]	2
Co-Bagging (C45)	[-0.00795 , 0.01085]	2
Co-Bagging (NB)	[0.02035 , 0.04385]	2
Co-Bagging (SMO)	[-0.00245 , 0.0289]	2
Rel-Rasco (NN)	[0.0457 , 0.08155]	2
Rel-Rasco (C45)	[0.0085 , 0.04195]	2
Rel-Rasco (NB)	[0.0275 , 0.05815]	2
Rel-Rasco (SMO)	[0.0177 , 0.05905]	2
CLCC	[0.0398 , 0.10615]	2
APSSC	[0.0237 , 0.06515]	2
SNNRCE	[0.0105 , 0.0343]	2
ADE-CoForest	[0.00935 , 0.0456]	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)	849.0	691.0	-	0.504457
Self-Training (C45)	619.0	921.0	-	1
Self-Training (NB)	1030.0	510.0	-	0.029064
Self-Training (SMO)	693.0	847.0	-	1
Co-Training (NN)	1037.5	447.5	-	0.010778
Co-Training (C45)	618.5	921.5	-	1
Co-Training (NB)	940.5	599.5	-	0.151506
Co-Training (SMO)	546.0	994.0	-	1
Democratic-Co	474.0	1066.0	-	1
TriTraining (NN)	1170.0	370.0	-	0.000782
TriTraining (C45)	533.0	952.0	-	1
TriTraining (NB)	921.5	618.5	-	0.202354
TriTraining (SMO)	686.0	854.0	-	1
DE-TriTraining (NN)	873.0	612.0	-	0.259346
DE-TriTraining (C45)	723.5	816.5	-	1
DE-TriTraining (NB)	916.0	569.0	-	0.132831
DE-TriTraining (SMO)	561.5	978.5	-	1
CoForest	616.0	924.0	-	1
Rasco (NN)	1420.0	65.0	-	0
Rasco (C45)	809.0	731.0	-	0.74068
Rasco (NB)	1003.0	537.0	-	0.050419
Rasco (SMO)	918.0	567.0	-	0.129672
Co-Bagging (NN)	635.0	850.0	-	1
Co-Bagging (C45)	517.0	968.0	-	1
Co-Bagging (NB)	932.5	607.5	-	0.171583
Co-Bagging (SMO)	594.5	945.5	-	1
Rel-Rasco (NN)	1524.0	16.0	-	0
Rel-Rasco (C45)	825.0	715.0	-	0.641576
Rel-Rasco (NB)	1000.0	540.0	-	0.053451
Rel-Rasco (SMO)	944.5	595.5	-	0.142163
CLCC	1177.0	363.0	-	0.000631
APSSC	1078.0	462.0	-	0.009744
SNNRCE	966.5	518.5	-	0.052725
ADE-CoForest	829.5	655.5	-	0.450237

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)	[-0.00015 , 0.0024]	2
Self-Training (C45)	[-0.02485 , 0.0041]	2
Self-Training (NB)	[0.007 , 0.05335]	2
Self-Training (SMO)	[-0.01795 , 0.01075]	2
Co-Training (NN)	[0.00125 , 0.00895]	2
Co-Training (C45)	[-0.0251 , 0.0037]	2
Co-Training (NB)	[-0.003 , 0.04025]	2
Co-Training (SMO)	[-0.0234 , -0.00175]	2
Democratic-Co	[-0.03015 , -0.0068]	2
TriTraining (NN)	[0.00495 , 0.016]	2
TriTraining (C45)	[-0.0265 , -0.00155]	2
TriTraining (NB)	[-0.0051 , 0.0362]	2
TriTraining (SMO)	[-0.01715 , 0.00825]	2
DE-TriTraining (NN)	[-0.00225 , 0.0146]	2
DE-TriTraining (C45)	[-0.01495 , 0.0094]	2
DE-TriTraining (NB)	[-0.00195 , 0.04275]	2
DE-TriTraining (SMO)	[-0.0152 , -0.0008]	2
CoForest	[-0.02255 , 0.003]	2
Rasco (NN)	[0.02325 , 0.05225]	2
Rasco (C45)	[-0.014 , 0.02675]	2
Rasco (NB)	[0.0044 , 0.04875]	2
Rasco (SMO)	[-0.00085 , 0.03625]	2
Co-Bagging (NN)	[-0.00815 , 0.0029]	2
Co-Bagging (C45)	[-0.0281 , -0.00185]	2
Co-Bagging (NB)	[-0.00385 , 0.03745]	2
Co-Bagging (SMO)	[-0.01875 , 0.0011]	2
Rel-Rasco (NN)	[0.02505 , 0.0501]	2
Rel-Rasco (C45)	[-0.0129 , 0.0271]	2
Rel-Rasco (NB)	[0.00335 , 0.0503]	2
Rel-Rasco (SMO)	[-0.00135 , 0.03795]	2
CLCC	[0.0247 , 0.085]	2
APSSC	[0.01115 , 0.04455]	2
SNNRCE	[0.00055 , 0.009]	2
ADE-CoForest	[-0.00545 , 0.02285]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00035 , 0.00285]	2
Self-Training (C45)	[-0.02745 , 0.00665]	2
Self-Training (NB)	[0.00245 , 0.05975]	2
Self-Training (SMO)	[-0.0203 , 0.0135]	2
Co-Training (NN)	[0.00075 , 0.01025]	2
Co-Training (C45)	[-0.0282 , 0.0071]	2
Co-Training (NB)	[-0.0066 , 0.0452]	2
Co-Training (SMO)	[-0.02495 , 0.0009]	2
Democratic-Co	[-0.03365 , -0.00415]	2
TriTraining (NN)	[0.0039 , 0.0174]	2
TriTraining (C45)	[-0.0292 , 0.00125]	2
TriTraining (NB)	[-0.0096 , 0.0401]	2
TriTraining (SMO)	[-0.01885 , 0.0106]	2
DE-TriTraining (NN)	[-0.00365 , 0.0164]	2
DE-TriTraining (C45)	[-0.01745 , 0.0128]	2
DE-TriTraining (NB)	[-0.0054 , 0.04725]	2
DE-TriTraining (SMO)	[-0.0164 , 0.00105]	2
CoForest	[-0.02535 , 0.00605]	2
Rasco (NN)	[0.0216 , 0.05655]	2
Rasco (C45)	[-0.01845 , 0.03275]	2
Rasco (NB)	[-0.00005 , 0.05395]	2
Rasco (SMO)	[-0.00435 , 0.0406]	2
Co-Bagging (NN)	[-0.00925 , 0.0043]	2
Co-Bagging (C45)	[-0.03125 , 0]	2
Co-Bagging (NB)	[-0.00735 , 0.0412]	2
Co-Bagging (SMO)	[-0.02115 , 0.003]	2
Rel-Rasco (NN)	[0.0234 , 0.05405]	2
Rel-Rasco (C45)	[-0.0168 , 0.0323]	2
Rel-Rasco (NB)	[-0.00025 , 0.055]	2
Rel-Rasco (SMO)	[-0.0042 , 0.04255]	2
CLCC	[0.02105 , 0.09125]	2
APSSC	[0.00745 , 0.04855]	2
SNNRCE	[-0.00005 , 0.01005]	2
ADE-CoForest	[-0.00795 , 0.02965]	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)	409.5	1075.5	-	1
Self-Training (C45)	529.0	1011.0	-	1
Self-Training (NB)	896.0	644.0	-	0.289196
Self-Training (SMO)	577.5	962.5	-	1
Co-Training (NN)	575.5	909.5	-	1
Co-Training (C45)	525.0	1015.0	-	1
Co-Training (NB)	795.5	689.5	-	0.644696
Co-Training (SMO)	437.5	1102.5	-	1
Democratic-Co	364.0	1121.0	-	1
SETRED	370.0	1170.0	-	1
TriTraining (C45)	435.5	1049.5	-	1
TriTraining (NB)	809.5	730.5	-	0.737253
TriTraining (SMO)	553.0	987.0	-	1
DE-TriTraining (NN)	526.0	959.0	-	1
DE-TriTraining (C45)	595.5	944.5	-	1
DE-TriTraining (NB)	820.5	719.5	-	0.668503
DE-TriTraining (SMO)	401.5	1138.5	-	1
CoForest	539.0	1001.0	-	1
Rasco (NN)	1173.0	367.0	-	0.000723
Rasco (C45)	719.5	820.5	-	1
Rasco (NB)	875.0	665.0	-	0.37673
Rasco (SMO)	811.0	729.0	-	0.728058
Co-Bagging (NN)	438.0	1102.0	-	1
Co-Bagging (C45)	439.5	1100.5	-	1
Co-Bagging (NB)	778.0	707.0	-	0.756585
Co-Bagging (SMO)	489.5	1050.5	-	1
Rel-Rasco (NN)	1182.0	358.0	-	0.000548
Rel-Rasco (C45)	719.0	821.0	-	1
Rel-Rasco (NB)	879.5	660.5	-	0.355708
Rel-Rasco (SMO)	812.0	728.0	-	0.721774
CLCC	1044.0	441.0	-	0.009315
APSSC	919.0	621.0	-	0.209876
SNNRCE	579.0	906.0	-	1
ADE-CoForest	749.0	791.0	-	1

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)	[-0.0143 , -0.00315]	2
Self-Training (C45)	[-0.0371 , -0.00455]	2
Self-Training (NB)	[-0.00585 , 0.0418]	2
Self-Training (SMO)	[-0.0271 , 0.0001]	2
Co-Training (NN)	[-0.01435 , 0.0009]	2
Co-Training (C45)	[-0.03675 , -0.00475]	2
Co-Training (NB)	[-0.01615 , 0.031]	2
Co-Training (SMO)	[-0.0351 , -0.00915]	2
Democratic-Co	[-0.0426 , -0.0158]	2
SETRED	[-0.016 , -0.00495]	2
TriTraining (C45)	[-0.03775 , -0.0109]	2
TriTraining (NB)	[-0.01755 , 0.0264]	2
TriTraining (SMO)	[-0.02695 , -0.00125]	2
DE-TriTraining (NN)	[-0.01495 , -0.0013]	2
DE-TriTraining (C45)	[-0.0259 , 0.0013]	2
DE-TriTraining (NB)	[-0.01395 , 0.0327]	2
DE-TriTraining (SMO)	[-0.02925 , -0.00785]	2
CoForest	[-0.02925 , -0.0024]	2
Rasco (NN)	[0.0128 , 0.0429]	2
Rasco (C45)	[-0.0273 , 0.0184]	2
Rasco (NB)	[-0.0103 , 0.038]	2
Rasco (SMO)	[-0.01625 , 0.0274]	2
Co-Bagging (NN)	[-0.0216 , -0.00535]	2
Co-Bagging (C45)	[-0.03955 , -0.01075]	2
Co-Bagging (NB)	[-0.0156 , 0.0262]	2
Co-Bagging (SMO)	[-0.03015 , -0.00585]	2
Rel-Rasco (NN)	[0.0154 , 0.0425]	2
Rel-Rasco (C45)	[-0.0256 , 0.01815]	2
Rel-Rasco (NB)	[-0.00895 , 0.0408]	2
Rel-Rasco (SMO)	[-0.0148 , 0.02995]	2
CLCC	[0.01155 , 0.0667]	2
APSSC	[-0.0045 , 0.03255]	2
SNNRCE	[-0.01175 , 0.00115]	2
ADE-CoForest	[-0.01585 , 0.01775]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0154 , -0.00235]	2
Self-Training (C45)	[-0.04035 , -0.0016]	2
Self-Training (NB)	[-0.01175 , 0.05095]	2
Self-Training (SMO)	[-0.03045 , 0.0026]	2
Co-Training (NN)	[-0.0158 , 0.0021]	2
Co-Training (C45)	[-0.03965 , -0.0012]	2
Co-Training (NB)	[-0.0194 , 0.0358]	2
Co-Training (SMO)	[-0.0383 , -0.0069]	2
Democratic-Co	[-0.04615 , -0.0133]	2
SETRED	[-0.0174 , -0.0039]	2
TriTraining (C45)	[-0.0414 , -0.00795]	2
TriTraining (NB)	[-0.022 , 0.03115]	2
TriTraining (SMO)	[-0.0308 , 0.0007]	2
DE-TriTraining (NN)	[-0.01625 , 0.0003]	2
DE-TriTraining (C45)	[-0.02865 , 0.00455]	2
DE-TriTraining (NB)	[-0.0183 , 0.0405]	2
DE-TriTraining (SMO)	[-0.03115 , -0.00615]	2
CoForest	[-0.0315 , 0.0001]	2
Rasco (NN)	[0.0104 , 0.04575]	2
Rasco (C45)	[-0.0319 , 0.02375]	2
Rasco (NB)	[-0.0149 , 0.04455]	2
Rasco (SMO)	[-0.02035 , 0.03195]	2
Co-Bagging (NN)	[-0.02315 , -0.0041]	2
Co-Bagging (C45)	[-0.04255 , -0.0077]	2
Co-Bagging (NB)	[-0.01935 , 0.03155]	2
Co-Bagging (SMO)	[-0.0326 , -0.0034]	2
Rel-Rasco (NN)	[0.0132 , 0.0467]	2
Rel-Rasco (C45)	[-0.0297 , 0.02305]	2
Rel-Rasco (NB)	[-0.0138 , 0.0447]	2
Rel-Rasco (SMO)	[-0.0183 , 0.0343]	2
CLCC	[0.00725 , 0.0745]	2
APSSC	[-0.0072 , 0.03595]	2
SNNRCE	[-0.0134 , 0.00265]	2
ADE-CoForest	[-0.0188 , 0.02305]	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)	978.0	507.0	-	0.042152
Self-Training (C45)	988.0	497.0	-	0.031887
Self-Training (NB)	1242.0	298.0	-	0.000073
Self-Training (SMO)	901.5	638.5	-	0.266731
Co-Training (NN)	1008.0	477.0	-	0.021436
Co-Training (C45)	959.0	581.0	-	0.109718
Co-Training (NB)	1161.0	379.0	-	0.001037
Co-Training (SMO)	851.0	634.0	-	0.346942
Democratic-Co	674.5	810.5	-	1
SETRED	952.0	533.0	-	0.070584
TriTraining (NN)	1049.5	435.5	-	0.008037
TriTraining (NB)	1120.0	420.0	-	0.003285
TriTraining (SMO)	911.0	629.0	-	0.235304
DE-TriTraining (NN)	1049.0	491.0	-	0.019191
DE-TriTraining (C45)	1198.5	341.5	-	0.00032
DE-TriTraining (NB)	1235.0	305.0	-	0.000096
DE-TriTraining (SMO)	941.5	598.5	-	0.149127
CoForest	673.0	867.0	-	1
Rasco (NN)	1430.0	110.0	-	0
Rasco (C45)	1277.0	263.0	-	0.000019
Rasco (NB)	1210.0	330.0	-	0.00022
Rasco (SMO)	1212.0	328.0	-	0.000209
Co-Bagging (NN)	956.5	583.5	-	0.116781
Co-Bagging (C45)	658.5	826.5	-	1
Co-Bagging (NB)	1177.0	363.0	-	0.00064
Co-Bagging (SMO)	932.0	608.0	-	0.173351
Rel-Rasco (NN)	1441.0	99.0	-	0
Rel-Rasco (C45)	1288.0	197.0	-	0.000003
Rel-Rasco (NB)	1210.0	330.0	-	0.000224
Rel-Rasco (SMO)	1210.5	329.5	-	0.000217
CLCC	1298.0	242.0	-	0.00001
APSSC	1171.0	369.0	-	0.000768
SNNRCE	1075.0	465.0	-	0.010397
ADE-CoForest	1050.0	435.0	-	0.008003

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)	[0.0036 , 0.0292]	2
Self-Training (C45)	[0.0009 , 0.00695]	2
Self-Training (NB)	[0.03 , 0.0669]	2
Self-Training (SMO)	[-0.0044 , 0.0252]	2
Co-Training (NN)	[0.00585 , 0.0348]	2
Co-Training (C45)	[0 , 0.0055]	2
Co-Training (NB)	[0.01765 , 0.0524]	2
Co-Training (SMO)	[-0.0066 , 0.0212]	2
Democratic-Co	[-0.0108 , 0.00485]	2
SETRED	[0.00155 , 0.0265]	2
TriTraining (NN)	[0.0109 , 0.03775]	2
TriTraining (NB)	[0.0142 , 0.04675]	2
TriTraining (SMO)	[-0.0035 , 0.02535]	2
DE-TriTraining (NN)	[0.00445 , 0.02645]	2
DE-TriTraining (C45)	[0.0075 , 0.02105]	2
DE-TriTraining (NB)	[0.02255 , 0.0552]	2
DE-TriTraining (SMO)	[-0.0011 , 0.02235]	2
CoForest	[-0.01255 , 0.00455]	2
Rasco (NN)	[0.04405 , 0.0763]	2
Rasco (C45)	[0.0094 , 0.0256]	2
Rasco (NB)	[0.0241 , 0.0591]	2
Rasco (SMO)	[0.02185 , 0.0539]	2
Co-Bagging (NN)	[-0.00035 , 0.02255]	2
Co-Bagging (C45)	[-0.0029 , 0.0011]	2
Co-Bagging (NB)	[0.01905 , 0.04815]	2
Co-Bagging (SMO)	[-0.0026 , 0.02435]	2
Rel-Rasco (NN)	[0.046 , 0.0766]	2
Rel-Rasco (C45)	[0.0111 , 0.0276]	2
Rel-Rasco (NB)	[0.0241 , 0.06]	2
Rel-Rasco (SMO)	[0.02215 , 0.05445]	2
CLCC	[0.03835 , 0.09475]	2
APSSC	[0.02115 , 0.0584]	2
SNNRCE	[0.00665 , 0.0281]	2
ADE-CoForest	[0.00585 , 0.0361]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.00115 , 0.03215]	2
Self-Training (C45)	[0.00035 , 0.00745]	2
Self-Training (NB)	[0.0272 , 0.0713]	2
Self-Training (SMO)	[-0.0071 , 0.0302]	2
Co-Training (NN)	[0.0027 , 0.0395]	2
Co-Training (C45)	[-0.00015 , 0.00645]	2
Co-Training (NB)	[0.01525 , 0.0552]	2
Co-Training (SMO)	[-0.0089 , 0.02385]	2
Democratic-Co	[-0.01235 , 0.00655]	2
SETRED	[-0.00125 , 0.0292]	2
TriTraining (NN)	[0.00795 , 0.0414]	2
TriTraining (NB)	[0.01125 , 0.0493]	2
TriTraining (SMO)	[-0.00615 , 0.02905]	2
DE-TriTraining (NN)	[0.00225 , 0.03015]	2
DE-TriTraining (C45)	[0.00635 , 0.02325]	2
DE-TriTraining (NB)	[0.0202 , 0.0584]	2
DE-TriTraining (SMO)	[-0.0028 , 0.02565]	2
CoForest	[-0.0141 , 0.0066]	2
Rasco (NN)	[0.0411 , 0.0801]	2
Rasco (C45)	[0.0083 , 0.02785]	2
Rasco (NB)	[0.02075 , 0.0635]	2
Rasco (SMO)	[0.01925 , 0.0576]	2
Co-Bagging (NN)	[-0.0027 , 0.0249]	2
Co-Bagging (C45)	[-0.0033 , 0.00145]	2
Co-Bagging (NB)	[0.01645 , 0.05105]	2
Co-Bagging (SMO)	[-0.00465 , 0.0274]	2
Rel-Rasco (NN)	[0.0439 , 0.0797]	2
Rel-Rasco (C45)	[0.0101 , 0.02975]	2
Rel-Rasco (NB)	[0.02055 , 0.0637]	2
Rel-Rasco (SMO)	[0.0196 , 0.05815]	2
CLCC	[0.03325 , 0.1071]	2
APSSC	[0.01805 , 0.0649]	2
SNNRCE	[0.00465 , 0.03055]	2
ADE-CoForest	[0.00375 , 0.0396]	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)	653.0	887.0	-	1
Self-Training (C45)	464.0	1076.0	-	1
Self-Training (NB)	1355.0	185.0	-	0.000001
Self-Training (SMO)	597.5	887.5	-	1
Co-Training (NN)	662.5	822.5	-	1
Co-Training (C45)	487.5	1052.5	-	1
Co-Training (NB)	1090.5	394.5	-	0.002637
Co-Training (SMO)	558.0	927.0	-	1
Democratic-Co	226.5	1258.5	-	1
SETRED	618.5	921.5	-	1
TriTraining (NN)	730.5	809.5	-	1
TriTraining (C45)	420.0	1120.0	-	1
TriTraining (SMO)	604.0	881.0	-	1
DE-TriTraining (NN)	689.0	851.0	-	1
DE-TriTraining (C45)	651.0	889.0	-	1
DE-TriTraining (NB)	1023.5	461.5	-	0.01525
DE-TriTraining (SMO)	655.0	885.0	-	1
CoForest	544.0	996.0	-	1
Rasco (NN)	1036.0	449.0	-	0.011361
Rasco (C45)	718.0	822.0	-	1
Rasco (NB)	1103.5	381.5	-	0.001834
Rasco (SMO)	839.0	701.0	-	0.560358
Co-Bagging (NN)	610.0	930.0	-	1
Co-Bagging (C45)	410.0	1075.0	-	1
Co-Bagging (NB)	983.5	501.5	-	0.036969
Co-Bagging (SMO)	590.5	894.5	-	1
Rel-Rasco (NN)	1090.0	450.0	-	0.007246
Rel-Rasco (C45)	723.0	817.0	-	1
Rel-Rasco (NB)	1023.0	462.0	-	0.015102
Rel-Rasco (SMO)	851.0	689.0	-	0.494248
CLCC	1200.0	340.0	-	0.00031
APSSC	844.0	696.0	-	0.532495
SNNRCE	618.0	867.0	-	1
ADE-CoForest	744.0	741.0	-	0.986261

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)	[-0.03455 , 0.0091]	2
Self-Training (C45)	[-0.04025 , -0.00955]	2
Self-Training (NB)	[0.0102 , 0.02035]	2
Self-Training (SMO)	[-0.0401 , 0.00495]	2
Co-Training (NN)	[-0.02965 , 0.0151]	2
Co-Training (C45)	[-0.04015 , -0.0085]	2
Co-Training (NB)	[0.0015 , 0.00725]	2
Co-Training (SMO)	[-0.04425 , 0.00115]	2
Democratic-Co	[-0.03985 , -0.01725]	2
SETRED	[-0.0362 , 0.0051]	2
TriTraining (NN)	[-0.0264 , 0.01755]	2
TriTraining (C45)	[-0.04675 , -0.0142]	2
TriTraining (SMO)	[-0.0386 , 0.00665]	2
DE-TriTraining (NN)	[-0.02255 , 0.0095]	2
DE-TriTraining (C45)	[-0.0257 , 0.006]	2
DE-TriTraining (NB)	[0.0028 , 0.016]	2
DE-TriTraining (SMO)	[-0.03075 , 0.00795]	2
CoForest	[-0.04575 , -0.00395]	2
Rasco (NN)	[0.0109 , 0.0577]	2
Rasco (C45)	[-0.02425 , 0.01775]	2
Rasco (NB)	[0.00285 , 0.0124]	2
Rasco (SMO)	[-0.01355 , 0.03175]	2
Co-Bagging (NN)	[-0.0312 , 0.00335]	2
Co-Bagging (C45)	[-0.04715 , -0.0148]	2
Co-Bagging (NB)	[0.0007 , 0.0056]	2
Co-Bagging (SMO)	[-0.0386 , 0.00325]	2
Rel-Rasco (NN)	[0.0142 , 0.05735]	2
Rel-Rasco (C45)	[-0.02415 , 0.01765]	2
Rel-Rasco (NB)	[0.0015 , 0.0117]	2
Rel-Rasco (SMO)	[-0.01245 , 0.0324]	2
CLCC	[0.01605 , 0.0414]	2
APSSC	[-0.0132 , 0.0286]	2
SNNRCE	[-0.0325 , 0.0093]	2
ADE-CoForest	[-0.0175 , 0.01845]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0393 , 0.0137]	2
Self-Training (C45)	[-0.0439 , -0.00655]	2
Self-Training (NB)	[0.0093 , 0.0216]	2
Self-Training (SMO)	[-0.0447 , 0.009]	2
Co-Training (NN)	[-0.03415 , 0.01915]	2
Co-Training (C45)	[-0.04475 , -0.005]	2
Co-Training (NB)	[0.0012 , 0.0078]	2
Co-Training (SMO)	[-0.0483 , 0.00505]	2
Democratic-Co	[-0.04255 , -0.01455]	2
SETRED	[-0.0401 , 0.0096]	2
TriTraining (NN)	[-0.03115 , 0.022]	2
TriTraining (C45)	[-0.0493 , -0.01125]	2
TriTraining (SMO)	[-0.0438 , 0.01225]	2
DE-TriTraining (NN)	[-0.02665 , 0.0135]	2
DE-TriTraining (C45)	[-0.02915 , 0.0084]	2
DE-TriTraining (NB)	[0.00185 , 0.0171]	2
DE-TriTraining (SMO)	[-0.03615 , 0.0125]	2
CoForest	[-0.0498 , 0.00095]	2
Rasco (NN)	[0.0071 , 0.0631]	2
Rasco (C45)	[-0.02835 , 0.021]	2
Rasco (NB)	[0.00225 , 0.01355]	2
Rasco (SMO)	[-0.0175 , 0.03805]	2
Co-Bagging (NN)	[-0.03445 , 0.007]	2
Co-Bagging (C45)	[-0.05035 , -0.01145]	2
Co-Bagging (NB)	[0.0002 , 0.00655]	2
Co-Bagging (SMO)	[-0.043 , 0.0067]	2
Rel-Rasco (NN)	[0.0095 , 0.06135]	2
Rel-Rasco (C45)	[-0.0285 , 0.02235]	2
Rel-Rasco (NB)	[0.00085 , 0.01335]	2
Rel-Rasco (SMO)	[-0.0166 , 0.03725]	2
CLCC	[0.0139 , 0.0451]	2
APSSC	[-0.0171 , 0.0341]	2
SNNRCE	[-0.0355 , 0.0138]	2
ADE-CoForest	[-0.02215 , 0.0223]	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)	894.0	646.0	-	0.296888
Self-Training (C45)	712.0	828.0	-	1
Self-Training (NB)	1023.0	517.0	-	0.033673
Self-Training (SMO)	747.5	792.5	-	1
Co-Training (NN)	929.0	556.0	-	0.106618
Co-Training (C45)	701.5	838.5	-	1
Co-Training (NB)	902.0	583.0	-	0.168316
Co-Training (SMO)	519.5	965.5	-	1
Democratic-Co	631.5	908.5	-	1
SETRED	854.0	686.0	-	0.478953
TriTraining (NN)	987.0	553.0	-	0.068115
TriTraining (C45)	629.0	911.0	-	1
TriTraining (NB)	881.0	604.0	-	0.231377
DE-TriTraining (NN)	858.0	627.0	-	0.317899
DE-TriTraining (C45)	888.0	652.0	-	0.320779
DE-TriTraining (NB)	1018.0	522.0	-	0.037336
DE-TriTraining (SMO)	792.5	747.5	-	0.846713
CoForest	736.0	804.0	-	1
Rasco (NN)	1262.0	278.0	-	0.000037
Rasco (C45)	881.0	659.0	-	0.350197
Rasco (NB)	963.0	522.0	-	0.057059
Rasco (SMO)	1068.0	417.0	-	0.005002
Co-Bagging (NN)	773.0	712.0	-	0.789312
Co-Bagging (C45)	649.0	891.0	-	1
Co-Bagging (NB)	943.0	597.0	-	0.146036
Co-Bagging (SMO)	746.0	794.0	-	1
Rel-Rasco (NN)	1278.0	262.0	-	0.00002
Rel-Rasco (C45)	897.5	642.5	-	0.283012
Rel-Rasco (NB)	997.0	543.0	-	0.056118
Rel-Rasco (SMO)	1096.5	443.5	-	0.006094
CLCC	1099.0	386.0	-	0.002113
APSSC	1041.0	499.0	-	0.022919
SNNRCE	919.0	621.0	-	0.210354
ADE-CoForest	1020.5	519.5	-	0.035272

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)	[-0.00475 , 0.01875]	2
Self-Training (C45)	[-0.0218 , 0.01005]	2
Self-Training (NB)	[0.00675 , 0.0541]	2
Self-Training (SMO)	[-0.0056 , 0.00245]	2
Co-Training (NN)	[0.00015 , 0.0294]	2
Co-Training (C45)	[-0.02175 , 0.00955]	2
Co-Training (NB)	[-0.00355 , 0.0434]	2
Co-Training (SMO)	[-0.0091 , -0.00045]	2
Democratic-Co	[-0.02945 , 0.0033]	2
SETRED	[-0.00825 , 0.01715]	2
TriTraining (NN)	[0.00125 , 0.02695]	2
TriTraining (C45)	[-0.02535 , 0.0035]	2
TriTraining (NB)	[-0.00665 , 0.0386]	2
DE-TriTraining (NN)	[-0.00525 , 0.01925]	2
DE-TriTraining (C45)	[-0.0055 , 0.0206]	2
DE-TriTraining (NB)	[0.00705 , 0.0469]	2
DE-TriTraining (SMO)	[-0.00795 , 0.0091]	2
CoForest	[-0.01765 , 0.0111]	2
Rasco (NN)	[0.0331 , 0.0653]	2
Rasco (C45)	[-0.00885 , 0.03115]	2
Rasco (NB)	[0.0044 , 0.05175]	2
Rasco (SMO)	[0.0077 , 0.035]	2
Co-Bagging (NN)	[-0.00935 , 0.0135]	2
Co-Bagging (C45)	[-0.0249 , 0.0041]	2
Co-Bagging (NB)	[-0.0028 , 0.03975]	2
Co-Bagging (SMO)	[-0.005 , 0.0023]	2
Rel-Rasco (NN)	[0.0339 , 0.0664]	2
Rel-Rasco (C45)	[-0.00735 , 0.03205]	2
Rel-Rasco (NB)	[0.0036 , 0.05365]	2
Rel-Rasco (SMO)	[0.00645 , 0.0307]	2
CLCC	[0.0279 , 0.0917]	2
APSSC	[0.00785 , 0.04985]	2
SNNRCE	[-0.00395 , 0.0226]	2
ADE-CoForest	[0.0037 , 0.03275]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00685 , 0.02095]	2
Self-Training (C45)	[-0.0247 , 0.0131]	2
Self-Training (NB)	[0.00225 , 0.0612]	2
Self-Training (SMO)	[-0.00705 , 0.00335]	2
Co-Training (NN)	[-0.00355 , 0.03205]	2
Co-Training (C45)	[-0.0257 , 0.0127]	2
Co-Training (NB)	[-0.00835 , 0.0483]	2
Co-Training (SMO)	[-0.0098 , 0]	2
Democratic-Co	[-0.0327 , 0.0056]	2
SETRED	[-0.0106 , 0.01885]	2
TriTraining (NN)	[-0.0007 , 0.0308]	2
TriTraining (C45)	[-0.02905 , 0.00615]	2
TriTraining (NB)	[-0.01225 , 0.0438]	2
DE-TriTraining (NN)	[-0.0084 , 0.0235]	2
DE-TriTraining (C45)	[-0.0097 , 0.0247]	2
DE-TriTraining (NB)	[0.00245 , 0.0513]	2
DE-TriTraining (SMO)	[-0.0098 , 0.0115]	2
CoForest	[-0.02185 , 0.0133]	2
Rasco (NN)	[0.03 , 0.06945]	2
Rasco (C45)	[-0.01305 , 0.0353]	2
Rasco (NB)	[-0.00085 , 0.0563]	2
Rasco (SMO)	[0.0061 , 0.0376]	2
Co-Bagging (NN)	[-0.0115 , 0.0153]	2
Co-Bagging (C45)	[-0.02835 , 0.006]	2
Co-Bagging (NB)	[-0.0069 , 0.0458]	2
Co-Bagging (SMO)	[-0.0058 , 0.00295]	2
Rel-Rasco (NN)	[0.03105 , 0.07095]	2
Rel-Rasco (C45)	[-0.0105 , 0.03705]	2
Rel-Rasco (NB)	[-0.0004 , 0.05735]	2
Rel-Rasco (SMO)	[0.0043 , 0.0341]	2
CLCC	[0.02105 , 0.09965]	2
APSSC	[0.00335 , 0.0541]	2
SNNRCE	[-0.0072 , 0.02525]	2
ADE-CoForest	[0.0008 , 0.03645]	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)	675.0	810.0	-	1
Self-Training (C45)	552.0	988.0	-	1
Self-Training (NB)	1020.5	519.5	-	0.035272
Self-Training (SMO)	636.0	904.0	-	1
Co-Training (NN)	780.5	759.5	-	0.926491
Co-Training (C45)	544.5	940.5	-	1
Co-Training (NB)	886.0	654.0	-	0.329014
Co-Training (SMO)	545.5	994.5	-	1
Democratic-Co	363.0	1177.0	-	1
SETRED	612.0	873.0	-	1
TriTraining (NN)	959.0	526.0	-	0.061424
TriTraining (C45)	491.0	1049.0	-	1
TriTraining (NB)	851.0	689.0	-	0.494248
TriTraining (SMO)	627.0	858.0	-	1
DE-TriTraining (C45)	697.5	842.5	-	1
DE-TriTraining (NB)	984.5	555.5	-	0.071345
DE-TriTraining (SMO)	514.0	971.0	-	1
CoForest	600.5	939.5	-	1
Rasco (NN)	1268.0	272.0	-	0.000029
Rasco (C45)	792.0	748.0	-	0.850471
Rasco (NB)	970.5	569.5	-	0.091824
Rasco (SMO)	896.0	644.0	-	0.289196
Co-Bagging (NN)	442.0	1098.0	-	1
Co-Bagging (C45)	467.5	1017.5	-	1
Co-Bagging (NB)	911.5	628.5	-	0.233653
Co-Bagging (SMO)	625.0	915.0	-	1
Rel-Rasco (NN)	1308.0	232.0	-	0.000006
Rel-Rasco (C45)	807.0	733.0	-	0.753373
Rel-Rasco (NB)	968.0	572.0	-	0.095587
Rel-Rasco (SMO)	921.5	618.5	-	0.20188
CLCC	1217.0	323.0	-	0.000175
APSSC	928.5	556.5	-	0.107557
SNNRCE	787.0	753.0	-	0.882941
ADE-CoForest	778.0	707.0	-	0.756331

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)	[-0.0125 , 0.00535]	2
Self-Training (C45)	[-0.0242 , -0.0015]	2
Self-Training (NB)	[0.0044 , 0.043]	2
Self-Training (SMO)	[-0.01985 , 0.00385]	2
Co-Training (NN)	[-0.0109 , 0.0109]	2
Co-Training (C45)	[-0.0237 , -0.0004]	2
Co-Training (NB)	[-0.0051 , 0.0261]	2
Co-Training (SMO)	[-0.0302 , -0.0021]	2
Democratic-Co	[-0.0295 , -0.0098]	2
SETRED	[-0.0146 , 0.00225]	2
TriTraining (NN)	[0.0013 , 0.01495]	2
TriTraining (C45)	[-0.02645 , -0.00445]	2
TriTraining (NB)	[-0.0095 , 0.02255]	2
TriTraining (SMO)	[-0.01925 , 0.00525]	2
DE-TriTraining (C45)	[-0.00875 , 0.0046]	2
DE-TriTraining (NB)	[0.00145 , 0.0304]	2
DE-TriTraining (SMO)	[-0.01465 , -0.001]	2
CoForest	[-0.0252 , 0.0011]	2
Rasco (NN)	[0.0214 , 0.0458]	2
Rasco (C45)	[-0.0155 , 0.0202]	2
Rasco (NB)	[0.0007 , 0.03995]	2
Rasco (SMO)	[-0.00645 , 0.0306]	2
Co-Bagging (NN)	[-0.01495 , -0.00385]	2
Co-Bagging (C45)	[-0.0278 , -0.00455]	2
Co-Bagging (NB)	[-0.00415 , 0.02545]	2
Co-Bagging (SMO)	[-0.02375 , 0.0033]	2
Rel-Rasco (NN)	[0.02375 , 0.0439]	2
Rel-Rasco (C45)	[-0.013 , 0.02095]	2
Rel-Rasco (NB)	[0.0004 , 0.04095]	2
Rel-Rasco (SMO)	[-0.0046 , 0.03185]	2
CLCC	[0.0188 , 0.0624]	2
APSSC	[-0.0002 , 0.03455]	2
SNNRCE	[-0.0067 , 0.0071]	2
ADE-CoForest	[-0.00605 , 0.01125]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01445 , 0.00695]	2
Self-Training (C45)	[-0.02735 , 0.0008]	2
Self-Training (NB)	[0.00175 , 0.04685]	2
Self-Training (SMO)	[-0.02275 , 0.00655]	2
Co-Training (NN)	[-0.01365 , 0.01285]	2
Co-Training (C45)	[-0.0275 , 0.00195]	2
Co-Training (NB)	[-0.00835 , 0.02965]	2
Co-Training (SMO)	[-0.03325 , 0.0005]	2
Democratic-Co	[-0.0322 , -0.0079]	2
SETRED	[-0.0164 , 0.00365]	2
TriTraining (NN)	[-0.0003 , 0.01625]	2
TriTraining (C45)	[-0.03015 , -0.00225]	2
TriTraining (NB)	[-0.0135 , 0.02665]	2
TriTraining (SMO)	[-0.0235 , 0.0084]	2
DE-TriTraining (C45)	[-0.00985 , 0.006]	2
DE-TriTraining (NB)	[-0.0015 , 0.03345]	2
DE-TriTraining (SMO)	[-0.0168 , -0.0001]	2
CoForest	[-0.02865 , 0.00405]	2
Rasco (NN)	[0.0188 , 0.04845]	2
Rasco (C45)	[-0.01855 , 0.02435]	2
Rasco (NB)	[-0.0036 , 0.04355]	2
Rasco (SMO)	[-0.0094 , 0.0354]	2
Co-Bagging (NN)	[-0.0162 , -0.00265]	2
Co-Bagging (C45)	[-0.03 , -0.00245]	2
Co-Bagging (NB)	[-0.00715 , 0.02905]	2
Co-Bagging (SMO)	[-0.0264 , 0.0051]	2
Rel-Rasco (NN)	[0.02165 , 0.046]	2
Rel-Rasco (C45)	[-0.01585 , 0.02485]	2
Rel-Rasco (NB)	[-0.0029 , 0.0438]	2
Rel-Rasco (SMO)	[-0.00855 , 0.0358]	2
CLCC	[0.0164 , 0.0699]	2
APSSC	[-0.00285 , 0.038]	2
SNNRCE	[-0.0086 , 0.00815]	2
ADE-CoForest	[-0.0074 , 0.0146]	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)	851.0	689.0	-	0.494248
Self-Training (C45)	430.0	1055.0	-	1
Self-Training (NB)	1118.0	422.0	-	0.003501
Self-Training (SMO)	666.0	874.0	-	1
Co-Training (NN)	904.0	636.0	-	0.259779
Co-Training (C45)	442.5	1097.5	-	1
Co-Training (NB)	976.0	564.0	-	0.0836
Co-Training (SMO)	570.0	915.0	-	1
Democratic-Co	308.0	1177.0	-	1
SETRED	816.5	723.5	-	0.693125
TriTraining (NN)	944.5	595.5	-	0.142581
TriTraining (C45)	341.5	1198.5	-	1
TriTraining (NB)	889.0	651.0	-	0.316205
TriTraining (SMO)	652.0	888.0	-	1
DE-TriTraining (NN)	842.5	697.5	-	0.539931
DE-TriTraining (NB)	1069.5	470.5	-	0.011686
DE-TriTraining (SMO)	688.0	852.0	-	1
CoForest	502.0	983.0	-	1
Rasco (NN)	1261.0	279.0	-	0.000036
Rasco (C45)	864.0	676.0	-	0.428009
Rasco (NB)	1036.0	504.0	-	0.025403
Rasco (SMO)	983.0	557.0	-	0.073342
Co-Bagging (NN)	756.5	783.5	-	1
Co-Bagging (C45)	324.5	1215.5	-	1
Co-Bagging (NB)	917.0	568.0	-	0.131449
Co-Bagging (SMO)	713.0	827.0	-	1
Rel-Rasco (NN)	1294.0	246.0	-	0.000011
Rel-Rasco (C45)	919.0	621.0	-	0.20892
Rel-Rasco (NB)	1029.0	511.0	-	0.029177
Rel-Rasco (SMO)	953.0	532.0	-	0.069254
CLCC	1228.0	312.0	-	0.000122
APSSC	1052.5	487.5	-	0.017496
SNNRCE	902.0	638.0	-	0.26643
ADE-CoForest	763.5	721.5	-	0.852979

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)	[-0.0083 , 0.01885]	2
Self-Training (C45)	[-0.0173 , -0.0041]	2
Self-Training (NB)	[0.0154 , 0.0467]	2
Self-Training (SMO)	[-0.0214 , 0.0083]	2
Co-Training (NN)	[-0.0046 , 0.0237]	2
Co-Training (C45)	[-0.0182 , -0.00355]	2
Co-Training (NB)	[0.00105 , 0.0302]	2
Co-Training (SMO)	[-0.02395 , 0.00055]	2
Democratic-Co	[-0.02925 , -0.01105]	2
SETRED	[-0.0094 , 0.01495]	2
TriTraining (NN)	[-0.0013 , 0.0259]	2
TriTraining (C45)	[-0.02105 , -0.0075]	2
TriTraining (NB)	[-0.006 , 0.0257]	2
TriTraining (SMO)	[-0.0206 , 0.0055]	2
DE-TriTraining (NN)	[-0.0046 , 0.00875]	2
DE-TriTraining (NB)	[0.007 , 0.02985]	2
DE-TriTraining (SMO)	[-0.0127 , 0.00595]	2
CoForest	[-0.0275 , -0.00295]	2
Rasco (NN)	[0.02605 , 0.0555]	2
Rasco (C45)	[-0.0049 , 0.014]	2
Rasco (NB)	[0.0062 , 0.038]	2
Rasco (SMO)	[0.0016 , 0.03495]	2
Co-Bagging (NN)	[-0.01155 , 0.00885]	2
Co-Bagging (C45)	[-0.0232 , -0.00845]	2
Co-Bagging (NB)	[-0.00125 , 0.02845]	2
Co-Bagging (SMO)	[-0.01615 , 0.00925]	2
Rel-Rasco (NN)	[0.0283 , 0.05595]	2
Rel-Rasco (C45)	[-0.00225 , 0.0145]	2
Rel-Rasco (NB)	[0.00595 , 0.03945]	2
Rel-Rasco (SMO)	[0.0015 , 0.03455]	2
CLCC	[0.02205 , 0.0684]	2
APSSC	[0.008 , 0.0485]	2
SNNRCE	[-0.00565 , 0.01935]	2
ADE-CoForest	[-0.00615 , 0.0092]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0124 , 0.021]	2
Self-Training (C45)	[-0.0189 , -0.00275]	2
Self-Training (NB)	[0.01215 , 0.05005]	2
Self-Training (SMO)	[-0.02515 , 0.01265]	2
Co-Training (NN)	[-0.0076 , 0.026]	2
Co-Training (C45)	[-0.0197 , -0.00255]	2
Co-Training (NB)	[-0.00235 , 0.033]	2
Co-Training (SMO)	[-0.0268 , 0.00375]	2
Democratic-Co	[-0.0316 , -0.0099]	2
SETRED	[-0.0128 , 0.01745]	2
TriTraining (NN)	[-0.00455 , 0.02865]	2
TriTraining (C45)	[-0.02325 , -0.00635]	2
TriTraining (NB)	[-0.0084 , 0.02915]	2
TriTraining (SMO)	[-0.0247 , 0.0097]	2
DE-TriTraining (NN)	[-0.006 , 0.00985]	2
DE-TriTraining (NB)	[0.00415 , 0.0319]	2
DE-TriTraining (SMO)	[-0.01415 , 0.0077]	2
CoForest	[-0.0303 , -0.001]	2
Rasco (NN)	[0.02335 , 0.0589]	2
Rasco (C45)	[-0.00685 , 0.01625]	2
Rasco (NB)	[0.00255 , 0.0413]	2
Rasco (SMO)	[-0.00295 , 0.0397]	2
Co-Bagging (NN)	[-0.01355 , 0.0107]	2
Co-Bagging (C45)	[-0.02495 , -0.00735]	2
Co-Bagging (NB)	[-0.00425 , 0.0309]	2
Co-Bagging (SMO)	[-0.01905 , 0.0119]	2
Rel-Rasco (NN)	[0.02585 , 0.05885]	2
Rel-Rasco (C45)	[-0.00485 , 0.01635]	2
Rel-Rasco (NB)	[0.0024 , 0.04305]	2
Rel-Rasco (SMO)	[-0.0014 , 0.0386]	2
CLCC	[0.0189 , 0.0782]	2
APSSC	[0.0038 , 0.05095]	2
SNNRCE	[-0.00775 , 0.0222]	2
ADE-CoForest	[-0.0076 , 0.01155]	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)	637.0	903.0	-	1
Self-Training (C45)	345.5	1194.5	-	1
Self-Training (NB)	1044.5	495.5	-	0.020413
Self-Training (SMO)	506.0	979.0	-	1
Co-Training (NN)	665.0	875.0	-	1
Co-Training (C45)	387.0	1153.0	-	1
Co-Training (NB)	668.5	816.5	-	1
Co-Training (SMO)	492.5	1047.5	-	1
Democratic-Co	88.5	1451.5	-	1
SETRED	569.0	916.0	-	1
TriTraining (NN)	719.5	820.5	-	1
TriTraining (C45)	305.0	1235.0	-	1
TriTraining (NB)	461.5	1023.5	-	1
TriTraining (SMO)	522.0	1018.0	-	1
DE-TriTraining (NN)	555.5	984.5	-	1
DE-TriTraining (C45)	470.5	1069.5	-	1
DE-TriTraining (SMO)	541.5	998.5	-	1
CoForest	479.0	1061.0	-	1
Rasco (NN)	956.0	584.0	-	0.116608
Rasco (C45)	631.0	909.0	-	1
Rasco (NB)	777.5	762.5	-	0.946391
Rasco (SMO)	754.5	785.5	-	1
Co-Bagging (NN)	480.0	1005.0	-	1
Co-Bagging (C45)	288.5	1196.5	-	1
Co-Bagging (NB)	610.5	929.5	-	1
Co-Bagging (SMO)	514.0	1026.0	-	1
Rel-Rasco (NN)	979.0	561.0	-	0.079207
Rel-Rasco (C45)	625.0	915.0	-	1
Rel-Rasco (NB)	707.0	778.0	-	1
Rel-Rasco (SMO)	765.5	774.5	-	1
CLCC	1129.0	411.0	-	0.002595
APSSC	758.0	782.0	-	1
SNNRCE	609.5	875.5	-	1
ADE-CoForest	626.5	913.5	-	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)	[-0.04095 , 0.0078]	2
Self-Training (C45)	[-0.0492 , -0.0181]	2
Self-Training (NB)	[0.0036 , 0.01675]	2
Self-Training (SMO)	[-0.0507 , -0.0056]	2
Co-Training (NN)	[-0.0366 , 0.00975]	2
Co-Training (C45)	[-0.0495 , -0.01805]	2
Co-Training (NB)	[-0.01 , 0.0038]	2
Co-Training (SMO)	[-0.0508 , -0.0098]	2
Democratic-Co	[-0.0523 , -0.02725]	2
SETRED	[-0.04275 , 0.00195]	2
TriTraining (NN)	[-0.0327 , 0.01395]	2
TriTraining (C45)	[-0.0552 , -0.02255]	2
TriTraining (NB)	[-0.016 , -0.0028]	2
TriTraining (SMO)	[-0.0469 , -0.00705]	2
DE-TriTraining (NN)	[-0.0304 , -0.00145]	2
DE-TriTraining (C45)	[-0.02985 , -0.007]	2
DE-TriTraining (SMO)	[-0.0351 , -0.00305]	2
CoForest	[-0.055 , -0.0117]	2
Rasco (NN)	[-0.00055 , 0.04635]	2
Rasco (C45)	[-0.0332 , 0.00475]	2
Rasco (NB)	[-0.00585 , 0.0091]	2
Rasco (SMO)	[-0.0266 , 0.0232]	2
Co-Bagging (NN)	[-0.03855 , -0.00565]	2
Co-Bagging (C45)	[-0.05495 , -0.0229]	2
Co-Bagging (NB)	[-0.01 , 0.0012]	2
Co-Bagging (SMO)	[-0.04585 , -0.0055]	2
Rel-Rasco (NN)	[0.0023 , 0.04655]	2
Rel-Rasco (C45)	[-0.03295 , 0.00495]	2
Rel-Rasco (NB)	[-0.00865 , 0.0062]	2
Rel-Rasco (SMO)	[-0.02685 , 0.02095]	2
CLCC	[0.0102 , 0.03215]	2
APSSC	[-0.02205 , 0.02235]	2
SNNRCE	[-0.0383 , 0.00505]	2
ADE-CoForest	[-0.02485 , 0.00445]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0474 , 0.0112]	2
Self-Training (C45)	[-0.0528 , -0.01595]	2
Self-Training (NB)	[0.0022 , 0.0179]	2
Self-Training (SMO)	[-0.0558 , -0.00165]	2
Co-Training (NN)	[-0.04055 , 0.0144]	2
Co-Training (C45)	[-0.05265 , -0.0159]	2
Co-Training (NB)	[-0.01155 , 0.00515]	2
Co-Training (SMO)	[-0.0559 , -0.0054]	2
Democratic-Co	[-0.0559 , -0.02495]	2
SETRED	[-0.04725 , 0.0054]	2
TriTraining (NN)	[-0.0405 , 0.0183]	2
TriTraining (C45)	[-0.0584 , -0.0202]	2
TriTraining (NB)	[-0.0171 , -0.00185]	2
TriTraining (SMO)	[-0.0513 , -0.00245]	2
DE-TriTraining (NN)	[-0.03345 , 0.0015]	2
DE-TriTraining (C45)	[-0.0319 , -0.00415]	2
DE-TriTraining (SMO)	[-0.03895 , 0.0001]	2
CoForest	[-0.0599 , -0.00705]	2
Rasco (NN)	[-0.0069 , 0.05055]	2
Rasco (C45)	[-0.03745 , 0.0083]	2
Rasco (NB)	[-0.007 , 0.0109]	2
Rasco (SMO)	[-0.02995 , 0.02745]	2
Co-Bagging (NN)	[-0.04335 , -0.00275]	2
Co-Bagging (C45)	[-0.0574 , -0.02125]	2
Co-Bagging (NB)	[-0.01135 , 0.002]	2
Co-Bagging (SMO)	[-0.0497 , -0.0027]	2
Rel-Rasco (NN)	[-0.0027 , 0.05055]	2
Rel-Rasco (C45)	[-0.03715 , 0.008]	2
Rel-Rasco (NB)	[-0.0099 , 0.00825]	2
Rel-Rasco (SMO)	[-0.0313 , 0.0262]	2
CLCC	[0.00795 , 0.03515]	2
APSSC	[-0.02695 , 0.02815]	2
SNNRCE	[-0.0433 , 0.00785]	2
ADE-CoForest	[-0.02825 , 0.008]	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)	1029.0	456.0	-	0.01317
Self-Training (C45)	613.5	926.5	-	1
Self-Training (NB)	1040.0	500.0	-	0.023427
Self-Training (SMO)	744.0	741.0	-	0.986261
Co-Training (NN)	1024.5	515.5	-	0.032636
Co-Training (C45)	632.5	907.5	-	1
Co-Training (NB)	908.5	576.5	-	0.151246
Co-Training (SMO)	622.0	918.0	-	1
Democratic-Co	482.5	1002.5	-	1
SETRED	978.5	561.5	-	0.07961
TriTraining (NN)	1138.5	401.5	-	0.001969
TriTraining (C45)	598.5	941.5	-	1
TriTraining (NB)	885.0	655.0	-	0.333183
TriTraining (SMO)	747.5	792.5	-	1
DE-TriTraining (NN)	971.0	514.0	-	0.048639
DE-TriTraining (C45)	852.0	688.0	-	0.489421
DE-TriTraining (NB)	998.5	541.5	-	0.053757
CoForest	684.0	856.0	-	1
Rasco (NN)	1341.0	199.0	-	0.000002
Rasco (C45)	842.0	698.0	-	0.543133
Rasco (NB)	1010.0	530.0	-	0.04368
Rasco (SMO)	994.5	545.5	-	0.05914
Co-Bagging (NN)	803.0	682.0	-	0.59785
Co-Bagging (C45)	541.0	944.0	-	1
Co-Bagging (NB)	947.0	593.0	-	0.136553
Co-Bagging (SMO)	700.0	785.0	-	1
Rel-Rasco (NN)	1369.5	170.5	-	0
Rel-Rasco (C45)	863.0	677.0	-	0.432431
Rel-Rasco (NB)	1010.0	530.0	-	0.0439
Rel-Rasco (SMO)	983.5	501.5	-	0.037378
CLCC	1203.0	337.0	-	0.000281
APSSC	1125.5	414.5	-	0.002828
SNNRCE	1070.0	470.0	-	0.011722
ADE-CoForest	965.0	575.0	-	0.100705

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)	[0.0044 , 0.0188]	2
Self-Training (C45)	[-0.0209 , 0.00265]	2
Self-Training (NB)	[0.00825 , 0.05095]	2
Self-Training (SMO)	[-0.0097 , 0.0095]	2
Co-Training (NN)	[0.0038 , 0.0244]	2
Co-Training (C45)	[-0.0203 , 0.0035]	2
Co-Training (NB)	[-0.00315 , 0.0363]	2
Co-Training (SMO)	[-0.0154 , 0.002]	2
Democratic-Co	[-0.02705 , -0.0043]	2
SETRED	[0.0008 , 0.0152]	2
TriTraining (NN)	[0.00785 , 0.02925]	2
TriTraining (C45)	[-0.02235 , 0.0011]	2
TriTraining (NB)	[-0.00795 , 0.03075]	2
TriTraining (SMO)	[-0.0091 , 0.00795]	2
DE-TriTraining (NN)	[0.001 , 0.01465]	2
DE-TriTraining (C45)	[-0.00595 , 0.0127]	2
DE-TriTraining (NB)	[0.00305 , 0.0351]	2
CoForest	[-0.0201 , 0.00835]	2
Rasco (NN)	[0.0302 , 0.05525]	2
Rasco (C45)	[-0.0099 , 0.02545]	2
Rasco (NB)	[0.0051 , 0.0452]	2
Rasco (SMO)	[0.0014 , 0.0352]	2
Co-Bagging (NN)	[-0.0053 , 0.00945]	2
Co-Bagging (C45)	[-0.024 , -0.0004]	2
Co-Bagging (NB)	[-0.00155 , 0.03315]	2
Co-Bagging (SMO)	[-0.01035 , 0.00725]	2
Rel-Rasco (NN)	[0.0325 , 0.05345]	2
Rel-Rasco (C45)	[-0.00725 , 0.02385]	2
Rel-Rasco (NB)	[0.0049 , 0.04595]	2
Rel-Rasco (SMO)	[0.0017 , 0.0334]	2
CLCC	[0.02565 , 0.0773]	2
APSSC	[0.01435 , 0.0492]	2
SNNRCE	[0.0063 , 0.0227]	2
ADE-CoForest	[0 , 0.0197]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0031 , 0.02]	2
Self-Training (C45)	[-0.0236 , 0.00475]	2
Self-Training (NB)	[0.00425 , 0.0562]	2
Self-Training (SMO)	[-0.0123 , 0.0119]	2
Co-Training (NN)	[0.00115 , 0.0266]	2
Co-Training (C45)	[-0.02235 , 0.00535]	2
Co-Training (NB)	[-0.00675 , 0.04045]	2
Co-Training (SMO)	[-0.01795 , 0.0033]	2
Democratic-Co	[-0.0295 , -0.002]	2
SETRED	[-0.00105 , 0.0164]	2
TriTraining (NN)	[0.00615 , 0.03115]	2
TriTraining (C45)	[-0.02565 , 0.0028]	2
TriTraining (NB)	[-0.0125 , 0.03615]	2
TriTraining (SMO)	[-0.0115 , 0.0098]	2
DE-TriTraining (NN)	[0.0001 , 0.0168]	2
DE-TriTraining (C45)	[-0.0077 , 0.01415]	2
DE-TriTraining (NB)	[-0.0001 , 0.03895]	2
CoForest	[-0.0232 , 0.0107]	2
Rasco (NN)	[0.02795 , 0.05795]	2
Rasco (C45)	[-0.01235 , 0.0288]	2
Rasco (NB)	[0.00045 , 0.0498]	2
Rasco (SMO)	[0 , 0.038]	2
Co-Bagging (NN)	[-0.00775 , 0.01085]	2
Co-Bagging (C45)	[-0.02625 , 0.00205]	2
Co-Bagging (NB)	[-0.0065 , 0.0382]	2
Co-Bagging (SMO)	[-0.01195 , 0.0092]	2
Rel-Rasco (NN)	[0.03 , 0.05615]	2
Rel-Rasco (C45)	[-0.01005 , 0.02745]	2
Rel-Rasco (NB)	[0.001 , 0.05065]	2
Rel-Rasco (SMO)	[0.00035 , 0.03545]	2
CLCC	[0.0208 , 0.08435]	2
APSSC	[0.01115 , 0.052]	2
SNNRCE	[0.00365 , 0.0246]	2
ADE-CoForest	[-0.0018 , 0.02205]	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)	904.0	581.0	-	0.163059
Self-Training (C45)	866.5	618.5	-	0.283214
Self-Training (NB)	1091.0	449.0	-	0.007066
Self-Training (SMO)	769.5	770.5	-	1
Co-Training (NN)	976.0	564.0	-	0.0836
Co-Training (C45)	931.5	608.5	-	0.174227
Co-Training (NB)	1017.0	523.0	-	0.037505
Co-Training (SMO)	745.5	794.5	-	1
Democratic-Co	716.0	824.0	-	1
SETRED	924.0	616.0	-	0.195498
TriTraining (NN)	1001.0	539.0	-	0.052424
TriTraining (C45)	867.0	673.0	-	0.413491
TriTraining (NB)	996.0	544.0	-	0.05773
TriTraining (SMO)	804.0	736.0	-	0.772304
DE-TriTraining (NN)	939.5	600.5	-	0.153049
DE-TriTraining (C45)	983.0	502.0	-	0.037568
DE-TriTraining (NB)	1061.0	479.0	-	0.014592
DE-TriTraining (SMO)	856.0	684.0	-	0.467676
Rasco (NN)	1225.0	315.0	-	0.000135
Rasco (C45)	1050.0	490.0	-	0.018764
Rasco (NB)	1065.5	474.5	-	0.012663
Rasco (SMO)	1022.0	518.0	-	0.034192
Co-Bagging (NN)	907.5	632.5	-	0.246592
Co-Bagging (C45)	827.5	657.5	-	0.460175
Co-Bagging (NB)	1047.5	492.5	-	0.019718
Co-Bagging (SMO)	761.5	723.5	-	0.86652
Rel-Rasco (NN)	1242.0	298.0	-	0.000075
Rel-Rasco (C45)	1038.0	502.0	-	0.024322
Rel-Rasco (NB)	1075.0	465.0	-	0.010478
Rel-Rasco (SMO)	1032.0	508.0	-	0.027688
CLCC	1235.0	305.0	-	0.000094
APSSC	967.0	518.0	-	0.052709
SNNRCE	994.0	546.0	-	0.059706
ADE-CoForest	1138.0	402.0	-	0.001997

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)	[-0.00175 , 0.02505]	2
Self-Training (C45)	[-0.00355 , 0.01705]	2
Self-Training (NB)	[0.01865 , 0.06215]	2
Self-Training (SMO)	[-0.01675 , 0.017]	2
Co-Training (NN)	[0.0014 , 0.0313]	2
Co-Training (C45)	[-0.00145 , 0.01765]	2
Co-Training (NB)	[0.00585 , 0.0511]	2
Co-Training (SMO)	[-0.0175 , 0.0133]	2
Democratic-Co	[-0.01615 , 0.0086]	2
SETRED	[-0.003 , 0.02255]	2
TriTraining (NN)	[0.0024 , 0.02925]	2
TriTraining (C45)	[-0.00455 , 0.01255]	2
TriTraining (NB)	[0.00395 , 0.04575]	2
TriTraining (SMO)	[-0.0111 , 0.01765]	2
DE-TriTraining (NN)	[-0.0011 , 0.0252]	2
DE-TriTraining (C45)	[0.00295 , 0.0275]	2
DE-TriTraining (NB)	[0.0117 , 0.055]	2
DE-TriTraining (SMO)	[-0.00835 , 0.0201]	2
Rasco (NN)	[0.0401 , 0.07355]	2
Rasco (C45)	[0.0076 , 0.036]	2
Rasco (NB)	[0.01355 , 0.0584]	2
Rasco (SMO)	[0.0071 , 0.05145]	2
Co-Bagging (NN)	[-0.0032 , 0.01935]	2
Co-Bagging (C45)	[-0.0042 , 0.0111]	2
Co-Bagging (NB)	[0.0086 , 0.0484]	2
Co-Bagging (SMO)	[-0.01365 , 0.0172]	2
Rel-Rasco (NN)	[0.0421 , 0.0742]	2
Rel-Rasco (C45)	[0.00655 , 0.0392]	2
Rel-Rasco (NB)	[0.0138 , 0.06015]	2
Rel-Rasco (SMO)	[0.0069 , 0.05245]	2
CLCC	[0.02715 , 0.07555]	2
APSSC	[0.0051 , 0.05085]	2
SNNRCE	[0.00205 , 0.0255]	2
ADE-CoForest	[0.00565 , 0.02555]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00485 , 0.02745]	2
Self-Training (C45)	[-0.0063 , 0.0194]	2
Self-Training (NB)	[0.01335 , 0.06865]	2
Self-Training (SMO)	[-0.02 , 0.0197]	2
Co-Training (NN)	[-0.0021 , 0.03405]	2
Co-Training (C45)	[-0.00325 , 0.0202]	2
Co-Training (NB)	[0.002 , 0.05455]	2
Co-Training (SMO)	[-0.0209 , 0.0171]	2
Democratic-Co	[-0.0195 , 0.01135]	2
SETRED	[-0.00605 , 0.02535]	2
TriTraining (NN)	[-0.0001 , 0.0315]	2
TriTraining (C45)	[-0.0066 , 0.0141]	2
TriTraining (NB)	[-0.00095 , 0.0498]	2
TriTraining (SMO)	[-0.0133 , 0.02185]	2
DE-TriTraining (NN)	[-0.00405 , 0.02865]	2
DE-TriTraining (C45)	[0.001 , 0.0303]	2
DE-TriTraining (NB)	[0.00705 , 0.0599]	2
DE-TriTraining (SMO)	[-0.0107 , 0.0232]	2
Rasco (NN)	[0.03635 , 0.0767]	2
Rasco (C45)	[0.00475 , 0.03935]	2
Rasco (NB)	[0.00935 , 0.06435]	2
Rasco (SMO)	[0.0027 , 0.05595]	2
Co-Bagging (NN)	[-0.0057 , 0.0222]	2
Co-Bagging (C45)	[-0.00615 , 0.0123]	2
Co-Bagging (NB)	[0.0048 , 0.05235]	2
Co-Bagging (SMO)	[-0.0162 , 0.02015]	2
Rel-Rasco (NN)	[0.0389 , 0.07755]	2
Rel-Rasco (C45)	[0.0036 , 0.0429]	2
Rel-Rasco (NB)	[0.00935 , 0.0657]	2
Rel-Rasco (SMO)	[0.0027 , 0.05735]	2
CLCC	[0.02335 , 0.08205]	2
APSSC	[-0.0008 , 0.05495]	2
SNNRCE	[-0.00055 , 0.0282]	2
ADE-CoForest	[0.0043 , 0.0285]	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)	94.0	1446.0	-	1
Self-Training (C45)	164.5	1375.5	-	1
Self-Training (NB)	624.0	861.0	-	1
Self-Training (SMO)	269.0	1271.0	-	1
Co-Training (NN)	222.5	1262.5	-	1
Co-Training (C45)	176.0	1364.0	-	1
Co-Training (NB)	524.0	961.0	-	1
Co-Training (SMO)	227.0	1313.0	-	1
Democratic-Co	114.0	1426.0	-	1
SETRED	65.0	1420.0	-	1
TriTraining (NN)	367.0	1173.0	-	1
TriTraining (C45)	110.0	1430.0	-	1
TriTraining (NB)	449.0	1036.0	-	1
TriTraining (SMO)	278.0	1262.0	-	1
DE-TriTraining (NN)	272.0	1268.0	-	1
DE-TriTraining (C45)	279.0	1261.0	-	1
DE-TriTraining (NB)	584.0	956.0	-	1
DE-TriTraining (SMO)	199.0	1341.0	-	1
CoForest	315.0	1225.0	-	1
Rasco (C45)	332.0	1208.0	-	1
Rasco (NB)	569.0	971.0	-	1
Rasco (SMO)	403.0	1137.0	-	1
Co-Bagging (NN)	123.0	1417.0	-	1
Co-Bagging (C45)	96.0	1444.0	-	1
Co-Bagging (NB)	502.0	1038.0	-	1
Co-Bagging (SMO)	265.0	1275.0	-	1
Rel-Rasco (NN)	681.0	804.0	-	1
Rel-Rasco (C45)	333.0	1207.0	-	1
Rel-Rasco (NB)	562.0	978.0	-	1
Rel-Rasco (SMO)	441.0	1099.0	-	1
CLCC	786.0	699.0	-	0.7048
APSSC	593.0	947.0	-	1
SNNRCE	161.5	1378.5	-	1
ADE-CoForest	394.0	1146.0	-	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)	[-0.05065 , -0.0223]	2
Self-Training (C45)	[-0.0726 , -0.0398]	2
Self-Training (NB)	[-0.0426 , 0.01]	2
Self-Training (SMO)	[-0.06175 , -0.03065]	2
Co-Training (NN)	[-0.0506 , -0.01905]	2
Co-Training (C45)	[-0.0729 , -0.0421]	2
Co-Training (NB)	[-0.0539 , -0.0033]	2
Co-Training (SMO)	[-0.0764 , -0.0377]	2
Democratic-Co	[-0.0814 , -0.0469]	2
SETRED	[-0.05225 , -0.02325]	2
TriTraining (NN)	[-0.0429 , -0.0128]	2
TriTraining (C45)	[-0.0763 , -0.04405]	2
TriTraining (NB)	[-0.0577 , -0.0109]	2
TriTraining (SMO)	[-0.0653 , -0.0331]	2
DE-TriTraining (NN)	[-0.0458 , -0.0214]	2
DE-TriTraining (C45)	[-0.0555 , -0.02605]	2
DE-TriTraining (NB)	[-0.04635 , 0.00055]	2
DE-TriTraining (SMO)	[-0.05525 , -0.0302]	2
CoForest	[-0.07355 , -0.0401]	2
Rasco (C45)	[-0.05405 , -0.02395]	2
Rasco (NB)	[-0.04905 , -0.0005]	2
Rasco (SMO)	[-0.04115 , -0.01285]	2
Co-Bagging (NN)	[-0.0515 , -0.0311]	2
Co-Bagging (C45)	[-0.0753 , -0.0449]	2
Co-Bagging (NB)	[-0.0534 , -0.0089]	2
Co-Bagging (SMO)	[-0.06975 , -0.03705]	2
Rel-Rasco (NN)	[-0.0034 , 0.0017]	2
Rel-Rasco (C45)	[-0.0499 , -0.02025]	2
Rel-Rasco (NB)	[-0.0484 , -0.0011]	2
Rel-Rasco (SMO)	[-0.04305 , -0.0112]	2
CLCC	[-0.0204 , 0.0376]	2
APSSC	[-0.04 , 0.0027]	2
SNNRCE	[-0.0471 , -0.0234]	2
ADE-CoForest	[-0.0445 , -0.01805]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0534 , -0.02035]	2
Self-Training (C45)	[-0.07625 , -0.0369]	2
Self-Training (NB)	[-0.0475 , 0.01505]	2
Self-Training (SMO)	[-0.06605 , -0.0277]	2
Co-Training (NN)	[-0.05535 , -0.01695]	2
Co-Training (C45)	[-0.07665 , -0.03945]	2
Co-Training (NB)	[-0.05965 , 0.00145]	2
Co-Training (SMO)	[-0.0814 , -0.03445]	2
Democratic-Co	[-0.0858 , -0.04395]	2
SETRED	[-0.05655 , -0.0216]	2
TriTraining (NN)	[-0.04575 , -0.0104]	2
TriTraining (C45)	[-0.0801 , -0.0411]	2
TriTraining (NB)	[-0.0631 , -0.0071]	2
TriTraining (SMO)	[-0.06945 , -0.03]	2
DE-TriTraining (NN)	[-0.04845 , -0.0188]	2
DE-TriTraining (C45)	[-0.0589 , -0.02335]	2
DE-TriTraining (NB)	[-0.05055 , 0.0069]	2
DE-TriTraining (SMO)	[-0.05795 , -0.02795]	2
CoForest	[-0.0767 , -0.03635]	2
Rasco (C45)	[-0.0575 , -0.02065]	2
Rasco (NB)	[-0.05375 , 0.0043]	2
Rasco (SMO)	[-0.0458 , -0.01065]	2
Co-Bagging (NN)	[-0.05425 , -0.02905]	2
Co-Bagging (C45)	[-0.0792 , -0.04255]	2
Co-Bagging (NB)	[-0.05765 , -0.005]	2
Co-Bagging (SMO)	[-0.07455 , -0.03395]	2
Rel-Rasco (NN)	[-0.00405 , 0.00235]	2
Rel-Rasco (C45)	[-0.0533 , -0.0177]	2
Rel-Rasco (NB)	[-0.0528 , 0.0032]	2
Rel-Rasco (SMO)	[-0.0467 , -0.00785]	2
CLCC	[-0.025 , 0.04635]	2
APSSC	[-0.0434 , 0.0075]	2
SNNRCE	[-0.0504 , -0.0216]	2
ADE-CoForest	[-0.0474 , -0.0152]	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)	726.0	759.0	-	1
Self-Training (C45)	310.0	1230.0	-	1
Self-Training (NB)	986.0	554.0	-	0.069685
Self-Training (SMO)	649.5	835.5	-	1
Co-Training (NN)	761.5	778.5	-	1
Co-Training (C45)	355.0	1185.0	-	1
Co-Training (NB)	877.0	663.0	-	0.367751
Co-Training (SMO)	591.0	949.0	-	1
Democratic-Co	375.5	1109.5	-	1
SETRED	731.0	809.0	-	1
TriTraining (NN)	820.5	719.5	-	0.66883
TriTraining (C45)	263.0	1277.0	-	1
TriTraining (NB)	822.0	718.0	-	0.660029
TriTraining (SMO)	659.0	881.0	-	1
DE-TriTraining (NN)	748.0	792.0	-	1
DE-TriTraining (C45)	676.0	864.0	-	1
DE-TriTraining (NB)	909.0	631.0	-	0.242481
DE-TriTraining (SMO)	698.0	842.0	-	1
CoForest	490.0	1050.0	-	1
Rasco (NN)	1208.0	332.0	-	0.000239
Rasco (NB)	930.0	610.0	-	0.178704
Rasco (SMO)	867.0	618.0	-	0.281803
Co-Bagging (NN)	669.0	871.0	-	1
Co-Bagging (C45)	167.0	1373.0	-	1
Co-Bagging (NB)	873.0	667.0	-	0.385844
Co-Bagging (SMO)	670.5	869.5	-	1
Rel-Rasco (NN)	1220.0	320.0	-	0.00016
Rel-Rasco (C45)	895.5	589.5	-	0.183433
Rel-Rasco (NB)	908.0	632.0	-	0.245874
Rel-Rasco (SMO)	854.0	631.0	-	0.334873
CLCC	1071.0	469.0	-	0.011533
APSSC	945.0	595.0	-	0.141444
SNNRCE	732.5	752.5	-	1
ADE-CoForest	734.0	806.0	-	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)	[-0.02585 , 0.0185]	2
Self-Training (C45)	[-0.02165 , -0.00565]	2
Self-Training (NB)	[0.00385 , 0.0493]	2
Self-Training (SMO)	[-0.033 , 0.0103]	2
Co-Training (NN)	[-0.02115 , 0.01785]	2
Co-Training (C45)	[-0.0192 , -0.00495]	2
Co-Training (NB)	[-0.01205 , 0.0323]	2
Co-Training (SMO)	[-0.03465 , 0.00155]	2
Democratic-Co	[-0.0371 , -0.00935]	2
SETRED	[-0.02675 , 0.014]	2
TriTraining (NN)	[-0.0184 , 0.0273]	2
TriTraining (C45)	[-0.0256 , -0.0094]	2
TriTraining (NB)	[-0.01775 , 0.02425]	2
TriTraining (SMO)	[-0.03115 , 0.00885]	2
DE-TriTraining (NN)	[-0.0202 , 0.0155]	2
DE-TriTraining (C45)	[-0.014 , 0.0049]	2
DE-TriTraining (NB)	[-0.00475 , 0.0332]	2
DE-TriTraining (SMO)	[-0.02545 , 0.0099]	2
CoForest	[-0.036 , -0.0076]	2
Rasco (NN)	[0.02395 , 0.05405]	2
Rasco (NB)	[-0.00365 , 0.03385]	2
Rasco (SMO)	[-0.00635 , 0.0262]	2
Co-Bagging (NN)	[-0.0268 , 0.00785]	2
Co-Bagging (C45)	[-0.0286 , -0.01215]	2
Co-Bagging (NB)	[-0.01235 , 0.02635]	2
Co-Bagging (SMO)	[-0.0277 , 0.00765]	2
Rel-Rasco (NN)	[0.0264 , 0.05305]	2
Rel-Rasco (C45)	[-0.0004 , 0.0055]	2
Rel-Rasco (NB)	[-0.00625 , 0.0337]	2
Rel-Rasco (SMO)	[-0.0074 , 0.0313]	2
CLCC	[0.01475 , 0.07365]	2
APSSC	[-0.00355 , 0.0466]	2
SNNRCE	[-0.02005 , 0.0166]	2
ADE-CoForest	[-0.0185 , 0.0178]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03085 , 0.02225]	2
Self-Training (C45)	[-0.0248 , -0.00475]	2
Self-Training (NB)	[-0.0019 , 0.05315]	2
Self-Training (SMO)	[-0.0372 , 0.0154]	2
Co-Training (NN)	[-0.02755 , 0.0216]	2
Co-Training (C45)	[-0.02215 , -0.0041]	2
Co-Training (NB)	[-0.01675 , 0.0363]	2
Co-Training (SMO)	[-0.0389 , 0.005]	2
Democratic-Co	[-0.04065 , -0.00755]	2
SETRED	[-0.03275 , 0.01845]	2
TriTraining (NN)	[-0.02375 , 0.0319]	2
TriTraining (C45)	[-0.02785 , -0.0083]	2
TriTraining (NB)	[-0.021 , 0.02835]	2
TriTraining (SMO)	[-0.0353 , 0.01305]	2
DE-TriTraining (NN)	[-0.02435 , 0.01855]	2
DE-TriTraining (C45)	[-0.01625 , 0.00685]	2
DE-TriTraining (NB)	[-0.0083 , 0.03745]	2
DE-TriTraining (SMO)	[-0.0288 , 0.01235]	2
CoForest	[-0.03935 , -0.00475]	2
Rasco (NN)	[0.02065 , 0.0575]	2
Rasco (NB)	[-0.0078 , 0.03775]	2
Rasco (SMO)	[-0.0108 , 0.03005]	2
Co-Bagging (NN)	[-0.0307 , 0.01125]	2
Co-Bagging (C45)	[-0.0318 , -0.01115]	2
Co-Bagging (NB)	[-0.0155 , 0.0294]	2
Co-Bagging (SMO)	[-0.03165 , 0.01145]	2
Rel-Rasco (NN)	[0.02285 , 0.05525]	2
Rel-Rasco (C45)	[-0.00105 , 0.00615]	2
Rel-Rasco (NB)	[-0.0108 , 0.03845]	2
Rel-Rasco (SMO)	[-0.0109 , 0.034]	2
CLCC	[0.01025 , 0.0822]	2
APSSC	[-0.0099 , 0.0533]	2
SNNRCE	[-0.0259 , 0.0193]	2
ADE-CoForest	[-0.0202 , 0.02445]	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)	564.5	975.5	-	1
Self-Training (C45)	375.5	1164.5	-	1
Self-Training (NB)	990.0	495.0	-	0.031988
Self-Training (SMO)	516.0	969.0	-	1
Co-Training (NN)	614.0	926.0	-	1
Co-Training (C45)	393.0	1147.0	-	1
Co-Training (NB)	645.0	895.0	-	1
Co-Training (SMO)	480.0	1060.0	-	1
Democratic-Co	137.0	1348.0	-	1
SETRED	537.0	1003.0	-	1
TriTraining (NN)	665.0	875.0	-	1
TriTraining (C45)	330.0	1210.0	-	1
TriTraining (NB)	381.5	1103.5	-	1
TriTraining (SMO)	522.0	963.0	-	1
DE-TriTraining (NN)	569.5	970.5	-	1
DE-TriTraining (C45)	504.0	1036.0	-	1
DE-TriTraining (NB)	762.5	777.5	-	1
DE-TriTraining (SMO)	530.0	1010.0	-	1
CoForest	474.5	1065.5	-	1
Rasco (NN)	971.0	569.0	-	0.091358
Rasco (C45)	610.0	930.0	-	1
Rasco (SMO)	743.0	797.0	-	1
Co-Bagging (NN)	504.5	1035.5	-	1
Co-Bagging (C45)	305.0	1180.0	-	1
Co-Bagging (NB)	600.0	940.0	-	1
Co-Bagging (SMO)	536.0	1004.0	-	1
Rel-Rasco (NN)	948.0	537.0	-	0.076112
Rel-Rasco (C45)	617.0	923.0	-	1
Rel-Rasco (NB)	625.0	860.0	-	1
Rel-Rasco (SMO)	740.0	800.0	-	1
CLCC	1026.5	458.5	-	0.014197
APSSC	739.5	800.5	-	1
SNNRCE	564.0	921.0	-	1
ADE-CoForest	619.0	866.0	-	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)	[-0.0468 , -0.0012]	2
Self-Training (C45)	[-0.05395 , -0.02085]	2
Self-Training (NB)	[0.00165 , 0.0128]	2
Self-Training (SMO)	[-0.0538 , -0.0049]	2
Co-Training (NN)	[-0.03925 , 0.0042]	2
Co-Training (C45)	[-0.0542 , -0.01815]	2
Co-Training (NB)	[-0.01125 , 0.00135]	2
Co-Training (SMO)	[-0.05555 , -0.01005]	2
Democratic-Co	[-0.0557 , -0.0306]	2
SETRED	[-0.04875 , -0.0044]	2
TriTraining (NN)	[-0.038 , 0.0103]	2
TriTraining (C45)	[-0.0591 , -0.0241]	2
TriTraining (NB)	[-0.0124 , -0.00285]	2
TriTraining (SMO)	[-0.05175 , -0.0044]	2
DE-TriTraining (NN)	[-0.03995 , -0.0007]	2
DE-TriTraining (C45)	[-0.038 , -0.0062]	2
DE-TriTraining (NB)	[-0.0091 , 0.00585]	2
DE-TriTraining (SMO)	[-0.0452 , -0.0051]	2
CoForest	[-0.0584 , -0.01355]	2
Rasco (NN)	[0.0005 , 0.04905]	2
Rasco (C45)	[-0.03385 , 0.00365]	2
Rasco (SMO)	[-0.0271 , 0.02085]	2
Co-Bagging (NN)	[-0.04585 , -0.00705]	2
Co-Bagging (C45)	[-0.05905 , -0.0246]	2
Co-Bagging (NB)	[-0.0098 , 0.0006]	2
Co-Bagging (SMO)	[-0.04915 , -0.0041]	2
Rel-Rasco (NN)	[0.00205 , 0.0473]	2
Rel-Rasco (C45)	[-0.03405 , 0.00515]	2
Rel-Rasco (NB)	[-0.0034 , 0.00065]	2
Rel-Rasco (SMO)	[-0.02565 , 0.0185]	2
CLCC	[0.0054 , 0.02945]	2
APSSC	[-0.02175 , 0.0198]	2
SNNRCE	[-0.04215 , 0.00125]	2
ADE-CoForest	[-0.0323 , 0.00695]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0519 , 0.00375]	2
Self-Training (C45)	[-0.0584 , -0.01735]	2
Self-Training (NB)	[0.0005 , 0.0145]	2
Self-Training (SMO)	[-0.0579 , -0.00025]	2
Co-Training (NN)	[-0.04485 , 0.00815]	2
Co-Training (C45)	[-0.0578 , -0.01485]	2
Co-Training (NB)	[-0.0127 , 0.0023]	2
Co-Training (SMO)	[-0.06005 , -0.00705]	2
Democratic-Co	[-0.0583 , -0.0285]	2
SETRED	[-0.05395 , 0.00005]	2
TriTraining (NN)	[-0.04455 , 0.0149]	2
TriTraining (C45)	[-0.0635 , -0.02075]	2
TriTraining (NB)	[-0.01355 , -0.00225]	2
TriTraining (SMO)	[-0.0563 , 0.00085]	2
DE-TriTraining (NN)	[-0.04355 , 0.0036]	2
DE-TriTraining (C45)	[-0.0413 , -0.00255]	2
DE-TriTraining (NB)	[-0.0109 , 0.007]	2
DE-TriTraining (SMO)	[-0.0498 , -0.00045]	2
CoForest	[-0.06435 , -0.00935]	2
Rasco (NN)	[-0.0043 , 0.05375]	2
Rasco (C45)	[-0.03775 , 0.0078]	2
Rasco (SMO)	[-0.03195 , 0.02515]	2
Co-Bagging (NN)	[-0.0513 , -0.0032]	2
Co-Bagging (C45)	[-0.06305 , -0.0215]	2
Co-Bagging (NB)	[-0.01115 , 0.00105]	2
Co-Bagging (SMO)	[-0.054 , -0.0001]	2
Rel-Rasco (NN)	[-0.00295 , 0.0521]	2
Rel-Rasco (C45)	[-0.03785 , 0.0099]	2
Rel-Rasco (NB)	[-0.0039 , 0.00105]	2
Rel-Rasco (SMO)	[-0.0301 , 0.0235]	2
CLCC	[0.00355 , 0.03305]	2
APSSC	[-0.02695 , 0.0246]	2
SNNRCE	[-0.0485 , 0.0074]	2
ADE-CoForest	[-0.03635 , 0.0102]	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)	609.0	876.0	-	1
Self-Training (C45)	385.0	1155.0	-	1
Self-Training (NB)	798.5	686.5	-	0.626257
Self-Training (SMO)	458.0	1082.0	-	1
Co-Training (NN)	658.5	826.5	-	1
Co-Training (C45)	407.0	1133.0	-	1
Co-Training (NB)	728.0	812.0	-	1
Co-Training (SMO)	285.0	1200.0	-	1
Democratic-Co	336.0	1204.0	-	1
SETRED	567.0	918.0	-	1
TriTraining (NN)	729.0	811.0	-	1
TriTraining (C45)	328.0	1212.0	-	1
TriTraining (NB)	701.0	839.0	-	1
TriTraining (SMO)	417.0	1068.0	-	1
DE-TriTraining (NN)	644.0	896.0	-	1
DE-TriTraining (C45)	557.0	983.0	-	1
DE-TriTraining (NB)	785.5	754.5	-	0.893247
DE-TriTraining (SMO)	545.5	994.5	-	1
CoForest	518.0	1022.0	-	1
Rasco (NN)	1137.0	403.0	-	0.002076
Rasco (C45)	618.0	867.0	-	1
Rasco (NB)	797.0	743.0	-	0.817773
Co-Bagging (NN)	540.0	1000.0	-	1
Co-Bagging (C45)	294.0	1191.0	-	1
Co-Bagging (NB)	723.0	817.0	-	1
Co-Bagging (SMO)	425.5	1114.5	-	1
Rel-Rasco (NN)	1134.0	406.0	-	0.002258
Rel-Rasco (C45)	634.0	906.0	-	1
Rel-Rasco (NB)	795.0	745.0	-	0.830643
Rel-Rasco (SMO)	771.5	768.5	-	0.986588
CLCC	980.0	560.0	-	0.077164
APSSC	841.0	699.0	-	0.549129
SNNRCE	637.0	903.0	-	1
ADE-CoForest	712.0	828.0	-	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)	[-0.0353 , 0.0054]	2
Self-Training (C45)	[-0.04795 , -0.0152]	2
Self-Training (NB)	[-0.01755 , 0.03365]	2
Self-Training (SMO)	[-0.03365 , -0.0054]	2
Co-Training (NN)	[-0.0282 , 0.0095]	2
Co-Training (C45)	[-0.0472 , -0.0135]	2
Co-Training (NB)	[-0.0291 , 0.01895]	2
Co-Training (SMO)	[-0.0377 , -0.01365]	2
Democratic-Co	[-0.0537 , -0.02035]	2
SETRED	[-0.03625 , 0.00085]	2
TriTraining (NN)	[-0.0274 , 0.01625]	2
TriTraining (C45)	[-0.0539 , -0.02185]	2
TriTraining (NB)	[-0.03175 , 0.01355]	2
TriTraining (SMO)	[-0.035 , -0.0077]	2
DE-TriTraining (NN)	[-0.0306 , 0.00645]	2
DE-TriTraining (C45)	[-0.03495 , -0.0016]	2
DE-TriTraining (NB)	[-0.0232 , 0.0266]	2
DE-TriTraining (SMO)	[-0.0352 , -0.0014]	2
CoForest	[-0.05145 , -0.0071]	2
Rasco (NN)	[0.01285 , 0.04115]	2
Rasco (C45)	[-0.0262 , 0.00635]	2
Rasco (NB)	[-0.02085 , 0.0271]	2
Co-Bagging (NN)	[-0.03685 , -0.0032]	2
Co-Bagging (C45)	[-0.0508 , -0.02185]	2
Co-Bagging (NB)	[-0.02915 , 0.01585]	2
Co-Bagging (SMO)	[-0.0326 , -0.0084]	2
Rel-Rasco (NN)	[0.01375 , 0.0432]	2
Rel-Rasco (C45)	[-0.0265 , 0.0057]	2
Rel-Rasco (NB)	[-0.0206 , 0.0262]	2
Rel-Rasco (SMO)	[-0.00305 , 0.0039]	2
CLCC	[0.00265 , 0.0721]	2
APSSC	[-0.0146 , 0.0338]	2
SNNRCE	[-0.03275 , 0.0068]	2
ADE-CoForest	[-0.02785 , 0.0153]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04025 , 0.0085]	2
Self-Training (C45)	[-0.0511 , -0.0125]	2
Self-Training (NB)	[-0.0217 , 0.0399]	2
Self-Training (SMO)	[-0.0366 , -0.00365]	2
Co-Training (NN)	[-0.03155 , 0.0128]	2
Co-Training (C45)	[-0.0502 , -0.0101]	2
Co-Training (NB)	[-0.0355 , 0.02415]	2
Co-Training (SMO)	[-0.0411 , -0.01145]	2
Democratic-Co	[-0.05805 , -0.0178]	2
SETRED	[-0.0406 , 0.00435]	2
TriTraining (NN)	[-0.03195 , 0.02035]	2
TriTraining (C45)	[-0.0576 , -0.01925]	2
TriTraining (NB)	[-0.03805 , 0.0175]	2
TriTraining (SMO)	[-0.0376 , -0.0061]	2
DE-TriTraining (NN)	[-0.0354 , 0.0094]	2
DE-TriTraining (C45)	[-0.0397 , 0.00295]	2
DE-TriTraining (NB)	[-0.02745 , 0.02995]	2
DE-TriTraining (SMO)	[-0.038 , 0]	2
CoForest	[-0.05595 , -0.0027]	2
Rasco (NN)	[0.01065 , 0.0458]	2
Rasco (C45)	[-0.03005 , 0.0108]	2
Rasco (NB)	[-0.02515 , 0.03195]	2
Co-Bagging (NN)	[-0.04095 , 0.0002]	2
Co-Bagging (C45)	[-0.05415 , -0.0193]	2
Co-Bagging (NB)	[-0.0337 , 0.02145]	2
Co-Bagging (SMO)	[-0.03545 , -0.00675]	2
Rel-Rasco (NN)	[0.01065 , 0.0457]	2
Rel-Rasco (C45)	[-0.02995 , 0.0099]	2
Rel-Rasco (NB)	[-0.0256 , 0.0305]	2
Rel-Rasco (SMO)	[-0.00375 , 0.00455]	2
CLCC	[-0.0022 , 0.08265]	2
APSSC	[-0.0205 , 0.0399]	2
SNNRCE	[-0.03665 , 0.01005]	2
ADE-CoForest	[-0.0327 , 0.0205]	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)	930.0	610.0	-	0.178704
Self-Training (C45)	621.5	918.5	-	1
Self-Training (NB)	1083.0	457.0	-	0.008553
Self-Training (SMO)	730.5	809.5	-	1
Co-Training (NN)	966.0	574.0	-	0.099685
Co-Training (C45)	642.0	843.0	-	1
Co-Training (NB)	946.0	539.0	-	0.079006
Co-Training (SMO)	570.0	915.0	-	1
Democratic-Co	495.5	1044.5	-	1
SETRED	850.0	635.0	-	0.350863
TriTraining (NN)	1102.0	438.0	-	0.005243
TriTraining (C45)	583.5	956.5	-	1
TriTraining (NB)	930.0	610.0	-	0.178704
TriTraining (SMO)	712.0	773.0	-	1
DE-TriTraining (NN)	1098.0	442.0	-	0.005917
DE-TriTraining (C45)	783.5	756.5	-	0.90633
DE-TriTraining (NB)	1005.0	480.0	-	0.023246
DE-TriTraining (SMO)	682.0	803.0	-	1
CoForest	632.5	907.5	-	1
Rasco (NN)	1417.0	123.0	-	0
Rasco (C45)	871.0	669.0	-	0.39509
Rasco (NB)	1035.5	504.5	-	0.025679
Rasco (SMO)	1000.0	540.0	-	0.052455
Co-Bagging (C45)	542.5	942.5	-	1
Co-Bagging (NB)	984.0	556.0	-	0.072304
Co-Bagging (SMO)	655.0	885.0	-	1
Rel-Rasco (NN)	1466.0	74.0	-	0
Rel-Rasco (C45)	851.0	634.0	-	0.34798
Rel-Rasco (NB)	1028.0	512.0	-	0.030149
Rel-Rasco (SMO)	1007.0	533.0	-	0.046372
CLCC	1257.5	282.5	-	0.000042
APSSC	1020.0	465.0	-	0.016682
SNNRCE	1040.5	499.5	-	0.023172
ADE-CoForest	983.0	557.0	-	0.073342

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)	[-0.00135 , 0.0113]	2
Self-Training (C45)	[-0.01935 , 0.00255]	2
Self-Training (NB)	[0.0107 , 0.0514]	2
Self-Training (SMO)	[-0.0137 , 0.0112]	2
Co-Training (NN)	[0.00005 , 0.01685]	2
Co-Training (C45)	[-0.0195 , 0.0065]	2
Co-Training (NB)	[0.0006 , 0.03515]	2
Co-Training (SMO)	[-0.0201 , 0.00095]	2
Democratic-Co	[-0.02555 , -0.00435]	2
SETRED	[-0.0029 , 0.00815]	2
TriTraining (NN)	[0.00535 , 0.0216]	2
TriTraining (C45)	[-0.02255 , 0.00035]	2
TriTraining (NB)	[-0.00335 , 0.0312]	2
TriTraining (SMO)	[-0.0135 , 0.00935]	2
DE-TriTraining (NN)	[0.00385 , 0.01495]	2
DE-TriTraining (C45)	[-0.00885 , 0.01155]	2
DE-TriTraining (NB)	[0.00565 , 0.03855]	2
DE-TriTraining (SMO)	[-0.00945 , 0.0053]	2
CoForest	[-0.01935 , 0.0032]	2
Rasco (NN)	[0.0311 , 0.0515]	2
Rasco (C45)	[-0.00785 , 0.0268]	2
Rasco (NB)	[0.00705 , 0.04585]	2
Rasco (SMO)	[0.0032 , 0.03685]	2
Co-Bagging (C45)	[-0.02335 , -0.00065]	2
Co-Bagging (NB)	[0.0023 , 0.03535]	2
Co-Bagging (SMO)	[-0.01535 , 0.0046]	2
Rel-Rasco (NN)	[0.0303 , 0.05125]	2
Rel-Rasco (C45)	[-0.007 , 0.0284]	2
Rel-Rasco (NB)	[0.0075 , 0.0487]	2
Rel-Rasco (SMO)	[0.0042 , 0.03935]	2
CLCC	[0.0247 , 0.08015]	2
APSSC	[0.0079 , 0.04335]	2
SNNRCE	[0.00235 , 0.01325]	2
ADE-CoForest	[0.0007 , 0.01815]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00315 , 0.01245]	2
Self-Training (C45)	[-0.02195 , 0.00445]	2
Self-Training (NB)	[0.00695 , 0.05645]	2
Self-Training (SMO)	[-0.016 , 0.01445]	2
Co-Training (NN)	[-0.0016 , 0.01835]	2
Co-Training (C45)	[-0.0227 , 0.0089]	2
Co-Training (NB)	[-0.00285 , 0.03925]	2
Co-Training (SMO)	[-0.02245 , 0.00295]	2
Democratic-Co	[-0.02825 , -0.0022]	2
SETRED	[-0.0043 , 0.00925]	2
TriTraining (NN)	[0.0041 , 0.02315]	2
TriTraining (C45)	[-0.0249 , 0.0027]	2
TriTraining (NB)	[-0.007 , 0.03445]	2
TriTraining (SMO)	[-0.0153 , 0.0115]	2
DE-TriTraining (NN)	[0.00265 , 0.0162]	2
DE-TriTraining (C45)	[-0.0107 , 0.01355]	2
DE-TriTraining (NB)	[0.00275 , 0.04335]	2
DE-TriTraining (SMO)	[-0.01085 , 0.00775]	2
CoForest	[-0.0222 , 0.0057]	2
Rasco (NN)	[0.02905 , 0.05425]	2
Rasco (C45)	[-0.01125 , 0.0307]	2
Rasco (NB)	[0.0032 , 0.0513]	2
Rasco (SMO)	[-0.0002 , 0.04095]	2
Co-Bagging (C45)	[-0.02615 , 0.0017]	2
Co-Bagging (NB)	[-0.0016 , 0.0389]	2
Co-Bagging (SMO)	[-0.0175 , 0.0071]	2
Rel-Rasco (NN)	[0.0282 , 0.05385]	2
Rel-Rasco (C45)	[-0.0109 , 0.03205]	2
Rel-Rasco (NB)	[0.0028 , 0.05405]	2
Rel-Rasco (SMO)	[0.00025 , 0.04345]	2
CLCC	[0.02145 , 0.0889]	2
APSSC	[0.00505 , 0.04745]	2
SNNRCE	[0.0013 , 0.01465]	2
ADE-CoForest	[-0.0012 , 0.02065]	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)	984.0	501.0	-	0.03719
Self-Training (C45)	1062.0	478.0	-	0.013854
Self-Training (NB)	1186.0	299.0	-	0.00013
Self-Training (SMO)	903.5	636.5	-	0.261554
Co-Training (NN)	1021.0	464.0	-	0.016295
Co-Training (C45)	1018.5	521.5	-	0.036758
Co-Training (NB)	1134.0	406.0	-	0.002234
Co-Training (SMO)	838.0	647.0	-	0.40797
Democratic-Co	714.5	770.5	-	1
SETRED	968.0	517.0	-	0.051666
TriTraining (NN)	1100.5	439.5	-	0.005549
TriTraining (C45)	826.5	658.5	-	0.464474
TriTraining (NB)	1075.0	410.0	-	0.004141
TriTraining (SMO)	891.0	649.0	-	0.308681
DE-TriTraining (NN)	1017.5	467.5	-	0.017202
DE-TriTraining (C45)	1215.5	324.5	-	0.000181
DE-TriTraining (NB)	1196.5	288.5	-	0.000089
DE-TriTraining (SMO)	944.0	541.0	-	0.081988
CoForest	657.5	827.5	-	1
Rasco (NN)	1444.0	96.0	-	0
Rasco (C45)	1373.0	167.0	-	0
Rasco (NB)	1180.0	305.0	-	0.000157
Rasco (SMO)	1191.0	294.0	-	0.000111
Co-Bagging (NN)	942.5	542.5	-	0.083951
Co-Bagging (NB)	1175.0	365.0	-	0.00068
Co-Bagging (SMO)	928.0	557.0	-	0.108885
Rel-Rasco (NN)	1454.0	86.0	-	0
Rel-Rasco (C45)	1403.5	136.5	-	0
Rel-Rasco (NB)	1201.0	339.0	-	0.000296
Rel-Rasco (SMO)	1236.0	304.0	-	0.000091
CLCC	1294.5	245.5	-	0.000011
APSSC	1177.0	363.0	-	0.00064
SNNRCE	1073.0	467.0	-	0.01091
ADE-CoForest	1072.5	467.5	-	0.011042

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)	[0.0038 , 0.03205]	2
Self-Training (C45)	[0.00175 , 0.0088]	2
Self-Training (NB)	[0.03085 , 0.06925]	2
Self-Training (SMO)	[-0.00405 , 0.02685]	2
Co-Training (NN)	[0.00695 , 0.0361]	2
Co-Training (C45)	[0.0007 , 0.00605]	2
Co-Training (NB)	[0.0185 , 0.0538]	2
Co-Training (SMO)	[-0.00485 , 0.0206]	2
Democratic-Co	[-0.0087 , 0.00605]	2
SETRED	[0.00185 , 0.0281]	2
TriTraining (NN)	[0.01075 , 0.03955]	2
TriTraining (C45)	[-0.0011 , 0.0029]	2
TriTraining (NB)	[0.0148 , 0.04715]	2
TriTraining (SMO)	[-0.0041 , 0.0249]	2
DE-TriTraining (NN)	[0.00455 , 0.0278]	2
DE-TriTraining (C45)	[0.00845 , 0.0232]	2
DE-TriTraining (NB)	[0.0229 , 0.05495]	2
DE-TriTraining (SMO)	[0.0004 , 0.024]	2
CoForest	[-0.0111 , 0.0042]	2
Rasco (NN)	[0.0449 , 0.0753]	2
Rasco (C45)	[0.01215 , 0.0286]	2
Rasco (NB)	[0.0246 , 0.05905]	2
Rasco (SMO)	[0.02185 , 0.0508]	2
Co-Bagging (NN)	[0.00065 , 0.02335]	2
Co-Bagging (NB)	[0.0193 , 0.0479]	2
Co-Bagging (SMO)	[-0.00045 , 0.0257]	2
Rel-Rasco (NN)	[0.0468 , 0.07415]	2
Rel-Rasco (C45)	[0.01355 , 0.03055]	2
Rel-Rasco (NB)	[0.0251 , 0.0598]	2
Rel-Rasco (SMO)	[0.022 , 0.0522]	2
CLCC	[0.0377 , 0.0962]	2
APSSC	[0.0214 , 0.06105]	2
SNNRCE	[0.0072 , 0.03045]	2
ADE-CoForest	[0.0053 , 0.0345]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.001 , 0.0348]	2
Self-Training (C45)	[0.001 , 0.00965]	2
Self-Training (NB)	[0.02745 , 0.07245]	2
Self-Training (SMO)	[-0.00785 , 0.03045]	2
Co-Training (NN)	[0.00475 , 0.04055]	2
Co-Training (C45)	[0.0002 , 0.00695]	2
Co-Training (NB)	[0.01465 , 0.05675]	2
Co-Training (SMO)	[-0.0088 , 0.0233]	2
Democratic-Co	[-0.01085 , 0.00795]	2
SETRED	[0 , 0.03125]	2
TriTraining (NN)	[0.0077 , 0.04255]	2
TriTraining (C45)	[-0.00145 , 0.0033]	2
TriTraining (NB)	[0.01145 , 0.05035]	2
TriTraining (SMO)	[-0.006 , 0.02835]	2
DE-TriTraining (NN)	[0.00245 , 0.03]	2
DE-TriTraining (C45)	[0.00735 , 0.02495]	2
DE-TriTraining (NB)	[0.02125 , 0.0574]	2
DE-TriTraining (SMO)	[-0.00205 , 0.02625]	2
CoForest	[-0.0123 , 0.00615]	2
Rasco (NN)	[0.04255 , 0.0792]	2
Rasco (C45)	[0.01115 , 0.0318]	2
Rasco (NB)	[0.0215 , 0.06305]	2
Rasco (SMO)	[0.0193 , 0.05415]	2
Co-Bagging (NN)	[-0.0017 , 0.02615]	2
Co-Bagging (NB)	[0.0162 , 0.05095]	2
Co-Bagging (SMO)	[-0.00355 , 0.0281]	2
Rel-Rasco (NN)	[0.04405 , 0.07815]	2
Rel-Rasco (C45)	[0.0126 , 0.03315]	2
Rel-Rasco (NB)	[0.02145 , 0.0636]	2
Rel-Rasco (SMO)	[0.0197 , 0.0554]	2
CLCC	[0.0334 , 0.10675]	2
APSSC	[0.0178 , 0.0663]	2
SNNRCE	[0.00495 , 0.03315]	2
ADE-CoForest	[0.00325 , 0.04025]	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)	643.0	897.0	-	1
Self-Training (C45)	395.0	1145.0	-	1
Self-Training (NB)	1225.5	314.5	-	0.000127
Self-Training (SMO)	601.0	939.0	-	1
Co-Training (NN)	665.0	875.0	-	1
Co-Training (C45)	432.5	1107.5	-	1
Co-Training (NB)	785.5	699.5	-	0.707097
Co-Training (SMO)	557.0	983.0	-	1
Democratic-Co	149.0	1391.0	-	1
SETRED	607.5	932.5	-	1
TriTraining (NN)	707.0	778.0	-	1
TriTraining (C45)	363.0	1177.0	-	1
TriTraining (NB)	501.5	983.5	-	1
TriTraining (SMO)	597.0	943.0	-	1
DE-TriTraining (NN)	628.5	911.5	-	1
DE-TriTraining (C45)	568.0	917.0	-	1
DE-TriTraining (NB)	929.5	610.5	-	0.179148
DE-TriTraining (SMO)	593.0	947.0	-	1
CoForest	492.5	1047.5	-	1
Rasco (NN)	1038.0	502.0	-	0.024322
Rasco (C45)	667.0	873.0	-	1
Rasco (NB)	940.0	600.0	-	0.151415
Rasco (SMO)	817.0	723.0	-	0.690644
Co-Bagging (NN)	556.0	984.0	-	1
Co-Bagging (C45)	365.0	1175.0	-	1
Co-Bagging (SMO)	600.5	939.5	-	1
Rel-Rasco (NN)	1022.0	463.0	-	0.015915
Rel-Rasco (C45)	663.0	822.0	-	1
Rel-Rasco (NB)	919.5	565.5	-	0.125619
Rel-Rasco (SMO)	832.0	708.0	-	0.600516
CLCC	1147.0	393.0	-	0.001562
APSSC	801.0	739.0	-	0.791838
SNNRCE	627.0	913.0	-	1
ADE-CoForest	695.0	845.0	-	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)	[-0.0346 , 0.0073]	2
Self-Training (C45)	[-0.04125 , -0.0149]	2
Self-Training (NB)	[0.00745 , 0.0191]	2
Self-Training (SMO)	[-0.0427 , 0.00345]	2
Co-Training (NN)	[-0.0313 , 0.0113]	2
Co-Training (C45)	[-0.04225 , -0.01255]	2
Co-Training (NB)	[-0.00215 , 0.00395]	2
Co-Training (SMO)	[-0.04405 , -0.0011]	2
Democratic-Co	[-0.04225 , -0.02265]	2
SETRED	[-0.03745 , 0.00385]	2
TriTraining (NN)	[-0.0262 , 0.0156]	2
TriTraining (C45)	[-0.04815 , -0.01905]	2
TriTraining (NB)	[-0.0056 , -0.0007]	2
TriTraining (SMO)	[-0.03975 , 0.0028]	2
DE-TriTraining (NN)	[-0.02545 , 0.00415]	2
DE-TriTraining (C45)	[-0.02845 , 0.00125]	2
DE-TriTraining (NB)	[-0.0012 , 0.01]	2
DE-TriTraining (SMO)	[-0.03315 , 0.00155]	2
CoForest	[-0.0484 , -0.0086]	2
Rasco (NN)	[0.0089 , 0.0534]	2
Rasco (C45)	[-0.02635 , 0.01235]	2
Rasco (NB)	[-0.0006 , 0.0098]	2
Rasco (SMO)	[-0.01585 , 0.02915]	2
Co-Bagging (NN)	[-0.03535 , -0.0023]	2
Co-Bagging (C45)	[-0.0479 , -0.0193]	2
Co-Bagging (SMO)	[-0.0386 , 0.00265]	2
Rel-Rasco (NN)	[0.011 , 0.0521]	2
Rel-Rasco (C45)	[-0.0258 , 0.0125]	2
Rel-Rasco (NB)	[-0.0005 , 0.0107]	2
Rel-Rasco (SMO)	[-0.0147 , 0.0293]	2
CLCC	[0.01125 , 0.03835]	2
APSSC	[-0.0161 , 0.0242]	2
SNNRCE	[-0.0332 , 0.0079]	2
ADE-CoForest	[-0.0225 , 0.0122]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04015 , 0.0118]	2
Self-Training (C45)	[-0.045 , -0.01205]	2
Self-Training (NB)	[0.0065 , 0.02035]	2
Self-Training (SMO)	[-0.04645 , 0.00755]	2
Co-Training (NN)	[-0.03595 , 0.01555]	2
Co-Training (C45)	[-0.0455 , -0.0095]	2
Co-Training (NB)	[-0.0029 , 0.00465]	2
Co-Training (SMO)	[-0.0495 , 0.00155]	2
Democratic-Co	[-0.04385 , -0.02035]	2
SETRED	[-0.0412 , 0.00735]	2
TriTraining (NN)	[-0.03155 , 0.01935]	2
TriTraining (C45)	[-0.05105 , -0.01645]	2
TriTraining (NB)	[-0.00655 , -0.0002]	2
TriTraining (SMO)	[-0.0458 , 0.0069]	2
DE-TriTraining (NN)	[-0.02905 , 0.00715]	2
DE-TriTraining (C45)	[-0.0309 , 0.00425]	2
DE-TriTraining (NB)	[-0.002 , 0.01135]	2
DE-TriTraining (SMO)	[-0.0382 , 0.0065]	2
CoForest	[-0.05235 , -0.0048]	2
Rasco (NN)	[0.005 , 0.05765]	2
Rasco (C45)	[-0.0294 , 0.0155]	2
Rasco (NB)	[-0.00105 , 0.01115]	2
Rasco (SMO)	[-0.02145 , 0.0337]	2
Co-Bagging (NN)	[-0.0389 , 0.0016]	2
Co-Bagging (C45)	[-0.05095 , -0.0162]	2
Co-Bagging (SMO)	[-0.04315 , 0.00525]	2
Rel-Rasco (NN)	[0.0059 , 0.05625]	2
Rel-Rasco (C45)	[-0.02965 , 0.0161]	2
Rel-Rasco (NB)	[-0.0014 , 0.0119]	2
Rel-Rasco (SMO)	[-0.0203 , 0.03365]	2
CLCC	[0.00885 , 0.04275]	2
APSSC	[-0.01965 , 0.03095]	2
SNNRCE	[-0.0374 , 0.01115]	2
ADE-CoForest	[-0.02625 , 0.0158]	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)	991.5	548.5	-	0.06233
Self-Training (C45)	656.0	884.0	-	1
Self-Training (NB)	1069.5	470.5	-	0.011863
Self-Training (SMO)	753.5	731.5	-	0.920699
Co-Training (NN)	1030.5	509.5	-	0.028423
Co-Training (C45)	668.0	872.0	-	1
Co-Training (NB)	957.5	582.5	-	0.114837
Co-Training (SMO)	527.5	957.5	-	1
Democratic-Co	578.0	962.0	-	1
SETRED	945.5	594.5	-	0.139483
TriTraining (NN)	1050.5	489.5	-	0.018554
TriTraining (C45)	608.0	932.0	-	1
TriTraining (NB)	894.5	590.5	-	0.188211
TriTraining (SMO)	794.0	746.0	-	0.836344
DE-TriTraining (NN)	915.0	625.0	-	0.222814
DE-TriTraining (C45)	827.0	713.0	-	0.629972
DE-TriTraining (NB)	1026.0	514.0	-	0.031627
DE-TriTraining (SMO)	785.0	700.0	-	0.709412
CoForest	723.5	761.5	-	1
Rasco (NN)	1275.0	265.0	-	0.000022
Rasco (C45)	869.5	670.5	-	0.401619
Rasco (NB)	1004.0	536.0	-	0.049203
Rasco (SMO)	1114.5	425.5	-	0.003808
Co-Bagging (NN)	885.0	655.0	-	0.333183
Co-Bagging (C45)	557.0	928.0	-	1
Co-Bagging (NB)	939.5	600.5	-	0.154344
Rel-Rasco (NN)	1318.0	222.0	-	0.000004
Rel-Rasco (C45)	847.0	638.0	-	0.365441
Rel-Rasco (NB)	1007.5	532.5	-	0.045914
Rel-Rasco (SMO)	1065.0	420.0	-	0.005417
CLCC	1100.0	385.0	-	0.002053
APSSC	1128.0	412.0	-	0.002667
SNNRCE	1001.0	539.0	-	0.052177
ADE-CoForest	985.5	554.5	-	0.070038

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)	[0.00135 , 0.02225]	2
Self-Training (C45)	[-0.0234 , 0.0062]	2
Self-Training (NB)	[0.00985 , 0.05705]	2
Self-Training (SMO)	[-0.0023 , 0.0046]	2
Co-Training (NN)	[0.00485 , 0.0289]	2
Co-Training (C45)	[-0.0213 , 0.00685]	2
Co-Training (NB)	[-0.0012 , 0.0449]	2
Co-Training (SMO)	[-0.0075 , -0.0004]	2
Democratic-Co	[-0.0257 , 0.00025]	2
SETRED	[-0.0011 , 0.01875]	2
TriTraining (NN)	[0.00585 , 0.03015]	2
TriTraining (C45)	[-0.02435 , 0.0026]	2
TriTraining (NB)	[-0.00325 , 0.0386]	2
TriTraining (SMO)	[-0.0023 , 0.005]	2
DE-TriTraining (NN)	[-0.0033 , 0.02375]	2
DE-TriTraining (C45)	[-0.00925 , 0.01615]	2
DE-TriTraining (NB)	[0.0055 , 0.04585]	2
DE-TriTraining (SMO)	[-0.00725 , 0.01035]	2
CoForest	[-0.0172 , 0.01365]	2
Rasco (NN)	[0.03705 , 0.06975]	2
Rasco (C45)	[-0.00765 , 0.0277]	2
Rasco (NB)	[0.0041 , 0.04915]	2
Rasco (SMO)	[0.0084 , 0.0326]	2
Co-Bagging (NN)	[-0.0046 , 0.01535]	2
Co-Bagging (C45)	[-0.0257 , 0.00045]	2
Co-Bagging (NB)	[-0.00265 , 0.0386]	2
Rel-Rasco (NN)	[0.03675 , 0.0684]	2
Rel-Rasco (C45)	[-0.007 , 0.0287]	2
Rel-Rasco (NB)	[0.00455 , 0.0507]	2
Rel-Rasco (SMO)	[0.00705 , 0.033]	2
CLCC	[0.0235 , 0.09375]	2
APSSC	[0.0159 , 0.05765]	2
SNNRCE	[0.0028 , 0.02365]	2
ADE-CoForest	[0.00195 , 0.03395]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0015 , 0.0245]	2
Self-Training (C45)	[-0.02615 , 0.0086]	2
Self-Training (NB)	[0.00695 , 0.06215]	2
Self-Training (SMO)	[-0.00295 , 0.00575]	2
Co-Training (NN)	[0.00225 , 0.0318]	2
Co-Training (C45)	[-0.0237 , 0.01045]	2
Co-Training (NB)	[-0.00475 , 0.05075]	2
Co-Training (SMO)	[-0.00825 , 0.0002]	2
Democratic-Co	[-0.0289 , 0.00245]	2
SETRED	[-0.003 , 0.02115]	2
TriTraining (NN)	[0.0034 , 0.0326]	2
TriTraining (C45)	[-0.0274 , 0.00465]	2
TriTraining (NB)	[-0.0067 , 0.043]	2
TriTraining (SMO)	[-0.00295 , 0.0058]	2
DE-TriTraining (NN)	[-0.0051 , 0.0264]	2
DE-TriTraining (C45)	[-0.0119 , 0.01905]	2
DE-TriTraining (NB)	[0.0027 , 0.0497]	2
DE-TriTraining (SMO)	[-0.0092 , 0.01195]	2
CoForest	[-0.02015 , 0.0162]	2
Rasco (NN)	[0.03395 , 0.07455]	2
Rasco (C45)	[-0.01145 , 0.03165]	2
Rasco (NB)	[0.0001 , 0.054]	2
Rasco (SMO)	[0.00675 , 0.03545]	2
Co-Bagging (NN)	[-0.0071 , 0.0175]	2
Co-Bagging (C45)	[-0.0281 , 0.00355]	2
Co-Bagging (NB)	[-0.00525 , 0.04315]	2
Rel-Rasco (NN)	[0.0341 , 0.07195]	2
Rel-Rasco (C45)	[-0.01 , 0.0325]	2
Rel-Rasco (NB)	[0.00045 , 0.05535]	2
Rel-Rasco (SMO)	[0.0051 , 0.037]	2
CLCC	[0.01805 , 0.1034]	2
APSSC	[0.01215 , 0.06105]	2
SNNRCE	[-0.00015 , 0.0262]	2
ADE-CoForest	[-0.00165 , 0.03795]	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)	36.5	1503.5	-	1
Self-Training (C45)	122.0	1418.0	-	1
Self-Training (NB)	617.5	922.5	-	1
Self-Training (SMO)	267.0	1273.0	-	1
Co-Training (NN)	192.5	1347.5	-	1
Co-Training (C45)	178.0	1362.0	-	1
Co-Training (NB)	519.0	1021.0	-	1
Co-Training (SMO)	195.0	1345.0	-	1
Democratic-Co	67.0	1473.0	-	1
SETRED	16.0	1524.0	-	1
TriTraining (NN)	358.0	1182.0	-	1
TriTraining (C45)	99.0	1441.0	-	1
TriTraining (NB)	450.0	1090.0	-	1
TriTraining (SMO)	262.0	1278.0	-	1
DE-TriTraining (NN)	232.0	1308.0	-	1
DE-TriTraining (C45)	246.0	1294.0	-	1
DE-TriTraining (NB)	561.0	979.0	-	1
DE-TriTraining (SMO)	170.5	1369.5	-	1
CoForest	298.0	1242.0	-	1
Rasco (NN)	804.0	681.0	-	0.591861
Rasco (C45)	320.0	1220.0	-	1
Rasco (NB)	537.0	948.0	-	1
Rasco (SMO)	406.0	1134.0	-	1
Co-Bagging (NN)	74.0	1466.0	-	1
Co-Bagging (C45)	86.0	1454.0	-	1
Co-Bagging (NB)	463.0	1022.0	-	1
Co-Bagging (SMO)	222.0	1318.0	-	1
Rel-Rasco (C45)	322.0	1218.0	-	1
Rel-Rasco (NB)	552.0	988.0	-	1
Rel-Rasco (SMO)	392.5	1147.5	-	1
CLCC	797.5	742.5	-	0.814329
APSSC	570.0	970.0	-	1
SNNRCE	125.0	1415.0	-	1
ADE-CoForest	367.5	1172.5	-	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)	[-0.0473 , -0.0233]	2
Self-Training (C45)	[-0.071 , -0.0419]	2
Self-Training (NB)	[-0.04275 , 0.0064]	2
Self-Training (SMO)	[-0.06515 , -0.03285]	2
Co-Training (NN)	[-0.0479 , -0.01955]	2
Co-Training (C45)	[-0.0716 , -0.0444]	2
Co-Training (NB)	[-0.0536 , -0.00695]	2
Co-Training (SMO)	[-0.0757 , -0.03785]	2
Democratic-Co	[-0.07825 , -0.0481]	2
SETRED	[-0.0501 , -0.02505]	2
TriTraining (NN)	[-0.0425 , -0.0154]	2
TriTraining (C45)	[-0.0766 , -0.046]	2
TriTraining (NB)	[-0.05735 , -0.0142]	2
TriTraining (SMO)	[-0.0664 , -0.0339]	2
DE-TriTraining (NN)	[-0.0439 , -0.02375]	2
DE-TriTraining (C45)	[-0.05595 , -0.0283]	2
DE-TriTraining (NB)	[-0.04655 , -0.0023]	2
DE-TriTraining (SMO)	[-0.05345 , -0.0325]	2
CoForest	[-0.0742 , -0.0421]	2
Rasco (NN)	[-0.0017 , 0.0034]	2
Rasco (C45)	[-0.05305 , -0.0264]	2
Rasco (NB)	[-0.0473 , -0.00205]	2
Rasco (SMO)	[-0.0432 , -0.01375]	2
Co-Bagging (NN)	[-0.05125 , -0.0303]	2
Co-Bagging (C45)	[-0.07415 , -0.0468]	2
Co-Bagging (NB)	[-0.0521 , -0.011]	2
Co-Bagging (SMO)	[-0.0684 , -0.03675]	2
Rel-Rasco (C45)	[-0.04955 , -0.02555]	2
Rel-Rasco (NB)	[-0.04885 , -0.00205]	2
Rel-Rasco (SMO)	[-0.0426 , -0.0133]	2
CLCC	[-0.02365 , 0.0358]	2
APSSC	[-0.0401 , -0.00025]	2
SNNRCE	[-0.0457 , -0.02285]	2
ADE-CoForest	[-0.04635 , -0.02125]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0521 , -0.02165]	2
Self-Training (C45)	[-0.0756 , -0.03925]	2
Self-Training (NB)	[-0.04745 , 0.01215]	2
Self-Training (SMO)	[-0.069 , -0.0295]	2
Co-Training (NN)	[-0.0518 , -0.0174]	2
Co-Training (C45)	[-0.075 , -0.0414]	2
Co-Training (NB)	[-0.0587 , -0.0022]	2
Co-Training (SMO)	[-0.0797 , -0.0341]	2
Democratic-Co	[-0.08155 , -0.0457]	2
SETRED	[-0.05405 , -0.0234]	2
TriTraining (NN)	[-0.0467 , -0.0132]	2
TriTraining (C45)	[-0.0797 , -0.0439]	2
TriTraining (NB)	[-0.06135 , -0.0095]	2
TriTraining (SMO)	[-0.07095 , -0.03105]	2
DE-TriTraining (NN)	[-0.046 , -0.02165]	2
DE-TriTraining (C45)	[-0.05885 , -0.02585]	2
DE-TriTraining (NB)	[-0.05055 , 0.0027]	2
DE-TriTraining (SMO)	[-0.05615 , -0.03]	2
CoForest	[-0.07755 , -0.0389]	2
Rasco (NN)	[-0.00235 , 0.00405]	2
Rasco (C45)	[-0.05525 , -0.02285]	2
Rasco (NB)	[-0.0521 , 0.00295]	2
Rasco (SMO)	[-0.0457 , -0.01065]	2
Co-Bagging (NN)	[-0.05385 , -0.0282]	2
Co-Bagging (C45)	[-0.07815 , -0.04405]	2
Co-Bagging (NB)	[-0.05625 , -0.0059]	2
Co-Bagging (SMO)	[-0.07195 , -0.0341]	2
Rel-Rasco (C45)	[-0.052 , -0.0222]	2
Rel-Rasco (NB)	[-0.05405 , 0.00235]	2
Rel-Rasco (SMO)	[-0.04635 , -0.0107]	2
CLCC	[-0.0278 , 0.0423]	2
APSSC	[-0.04385 , 0.004]	2
SNNRCE	[-0.0493 , -0.02125]	2
ADE-CoForest	[-0.04855 , -0.01885]	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)	745.5	794.5	-	1
Self-Training (C45)	259.5	1280.5	-	1
Self-Training (NB)	959.0	526.0	-	0.061704
Self-Training (SMO)	654.5	885.5	-	1
Co-Training (NN)	762.5	777.5	-	1
Co-Training (C45)	223.5	1316.5	-	1
Co-Training (NB)	879.0	661.0	-	0.358403
Co-Training (SMO)	590.0	950.0	-	1
Democratic-Co	382.0	1158.0	-	1
SETRED	715.0	825.0	-	1
TriTraining (NN)	821.0	719.0	-	0.666108
TriTraining (C45)	197.0	1288.0	-	1
TriTraining (NB)	817.0	723.0	-	0.690644
TriTraining (SMO)	642.5	897.5	-	1
DE-TriTraining (NN)	733.0	807.0	-	1
DE-TriTraining (C45)	621.0	919.0	-	1
DE-TriTraining (NB)	915.0	625.0	-	0.22233
DE-TriTraining (SMO)	677.0	863.0	-	1
CoForest	502.0	1038.0	-	1
Rasco (NN)	1207.0	333.0	-	0.000243
Rasco (C45)	589.5	895.5	-	1
Rasco (NB)	923.0	617.0	-	0.197936
Rasco (SMO)	906.0	634.0	-	0.25276
Co-Bagging (NN)	634.0	851.0	-	1
Co-Bagging (C45)	136.5	1403.5	-	1
Co-Bagging (NB)	822.0	663.0	-	0.490938
Co-Bagging (SMO)	638.0	847.0	-	1
Rel-Rasco (NN)	1218.0	322.0	-	0.000171
Rel-Rasco (NB)	911.0	629.0	-	0.235794
Rel-Rasco (SMO)	893.5	646.5	-	0.298326
CLCC	1053.0	487.0	-	0.017534
APSSC	951.5	588.5	-	0.126887
SNNRCE	746.0	794.0	-	1
ADE-CoForest	725.0	815.0	-	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)	[-0.02535 , 0.01665]	2
Self-Training (C45)	[-0.0262 , -0.0071]	2
Self-Training (NB)	[0.004 , 0.04615]	2
Self-Training (SMO)	[-0.0333 , 0.0075]	2
Co-Training (NN)	[-0.022 , 0.0174]	2
Co-Training (C45)	[-0.02425 , -0.0092]	2
Co-Training (NB)	[-0.01165 , 0.03075]	2
Co-Training (SMO)	[-0.03545 , 0.0016]	2
Democratic-Co	[-0.03805 , -0.01095]	2
SETRED	[-0.0271 , 0.0129]	2
TriTraining (NN)	[-0.01815 , 0.0256]	2
TriTraining (C45)	[-0.0276 , -0.0111]	2
TriTraining (NB)	[-0.01765 , 0.02415]	2
TriTraining (SMO)	[-0.03205 , 0.00735]	2
DE-TriTraining (NN)	[-0.02095 , 0.013]	2
DE-TriTraining (C45)	[-0.0145 , 0.00225]	2
DE-TriTraining (NB)	[-0.00495 , 0.03295]	2
DE-TriTraining (SMO)	[-0.02385 , 0.00725]	2
CoForest	[-0.0392 , -0.00655]	2
Rasco (NN)	[0.02025 , 0.0499]	2
Rasco (C45)	[-0.0055 , 0.0004]	2
Rasco (NB)	[-0.00515 , 0.03405]	2
Rasco (SMO)	[-0.0057 , 0.0265]	2
Co-Bagging (NN)	[-0.0284 , 0.007]	2
Co-Bagging (C45)	[-0.03055 , -0.01355]	2
Co-Bagging (NB)	[-0.0125 , 0.0258]	2
Co-Bagging (SMO)	[-0.0287 , 0.007]	2
Rel-Rasco (NN)	[0.02555 , 0.04955]	2
Rel-Rasco (NB)	[-0.00655 , 0.03315]	2
Rel-Rasco (SMO)	[-0.0075 , 0.0277]	2
CLCC	[0.01215 , 0.0721]	2
APSSC	[-0.0019 , 0.04535]	2
SNNRCE	[-0.02385 , 0.01645]	2
ADE-CoForest	[-0.02065 , 0.01585]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.031 , 0.0195]	2
Self-Training (C45)	[-0.02775 , -0.0065]	2
Self-Training (NB)	[-0.0019 , 0.0504]	2
Self-Training (SMO)	[-0.03765 , 0.01235]	2
Co-Training (NN)	[-0.02725 , 0.02225]	2
Co-Training (C45)	[-0.02585 , -0.0074]	2
Co-Training (NB)	[-0.01675 , 0.03455]	2
Co-Training (SMO)	[-0.0392 , 0.0047]	2
Democratic-Co	[-0.04195 , -0.0085]	2
SETRED	[-0.0323 , 0.0168]	2
TriTraining (NN)	[-0.02305 , 0.0297]	2
TriTraining (C45)	[-0.02975 , -0.0101]	2
TriTraining (NB)	[-0.02235 , 0.0285]	2
TriTraining (SMO)	[-0.03705 , 0.0105]	2
DE-TriTraining (NN)	[-0.02485 , 0.01585]	2
DE-TriTraining (C45)	[-0.01635 , 0.00485]	2
DE-TriTraining (NB)	[-0.008 , 0.03715]	2
DE-TriTraining (SMO)	[-0.02745 , 0.01005]	2
CoForest	[-0.0429 , -0.0036]	2
Rasco (NN)	[0.0177 , 0.0533]	2
Rasco (C45)	[-0.00615 , 0.00105]	2
Rasco (NB)	[-0.0099 , 0.03785]	2
Rasco (SMO)	[-0.0099 , 0.02995]	2
Co-Bagging (NN)	[-0.03205 , 0.0109]	2
Co-Bagging (C45)	[-0.03315 , -0.0126]	2
Co-Bagging (NB)	[-0.0161 , 0.02965]	2
Co-Bagging (SMO)	[-0.0325 , 0.01]	2
Rel-Rasco (NN)	[0.0222 , 0.052]	2
Rel-Rasco (NB)	[-0.01105 , 0.03755]	2
Rel-Rasco (SMO)	[-0.0102 , 0.03115]	2
CLCC	[0.00765 , 0.0796]	2
APSSC	[-0.0075 , 0.0506]	2
SNNRCE	[-0.02735 , 0.0194]	2
ADE-CoForest	[-0.02345 , 0.02075]	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)	569.5	970.5	-	1
Self-Training (C45)	373.5	1166.5	-	1
Self-Training (NB)	1041.0	444.0	-	0.00996
Self-Training (SMO)	534.0	1006.0	-	1
Co-Training (NN)	604.0	936.0	-	1
Co-Training (C45)	397.0	1143.0	-	1
Co-Training (NB)	679.0	806.0	-	1
Co-Training (SMO)	479.0	1061.0	-	1
Democratic-Co	155.0	1330.0	-	1
SETRED	540.0	1000.0	-	1
TriTraining (NN)	660.5	879.5	-	1
TriTraining (C45)	330.0	1210.0	-	1
TriTraining (NB)	462.0	1023.0	-	1
TriTraining (SMO)	543.0	997.0	-	1
DE-TriTraining (NN)	572.0	968.0	-	1
DE-TriTraining (C45)	511.0	1029.0	-	1
DE-TriTraining (NB)	778.0	707.0	-	0.756331
DE-TriTraining (SMO)	530.0	1010.0	-	1
CoForest	465.0	1075.0	-	1
Rasco (NN)	978.0	562.0	-	0.080333
Rasco (C45)	632.0	908.0	-	1
Rasco (NB)	860.0	625.0	-	0.302811
Rasco (SMO)	745.0	795.0	-	1
Co-Bagging (NN)	512.0	1028.0	-	1
Co-Bagging (C45)	339.0	1201.0	-	1
Co-Bagging (NB)	565.5	919.5	-	1
Co-Bagging (SMO)	532.5	1007.5	-	1
Rel-Rasco (NN)	988.0	552.0	-	0.067143
Rel-Rasco (C45)	629.0	911.0	-	1
Rel-Rasco (SMO)	752.0	788.0	-	1
CLCC	1046.5	493.5	-	0.020033
APSSC	757.0	783.0	-	1
SNNRCE	589.0	951.0	-	1
ADE-CoForest	649.5	890.5	-	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)	[-0.0489 , -0.00045]	2
Self-Training (C45)	[-0.05455 , -0.0195]	2
Self-Training (NB)	[0.0044 , 0.0134]	2
Self-Training (SMO)	[-0.0524 , -0.0051]	2
Co-Training (NN)	[-0.0395 , 0.00335]	2
Co-Training (C45)	[-0.0556 , -0.0178]	2
Co-Training (NB)	[-0.01055 , 0.00265]	2
Co-Training (SMO)	[-0.0575 , -0.0106]	2
Democratic-Co	[-0.05515 , -0.03055]	2
SETRED	[-0.0503 , -0.00335]	2
TriTraining (NN)	[-0.0408 , 0.00895]	2
TriTraining (C45)	[-0.06 , -0.0241]	2
TriTraining (NB)	[-0.0117 , -0.0015]	2
TriTraining (SMO)	[-0.05365 , -0.0036]	2
DE-TriTraining (NN)	[-0.04095 , -0.0004]	2
DE-TriTraining (C45)	[-0.03945 , -0.00595]	2
DE-TriTraining (NB)	[-0.0062 , 0.00865]	2
DE-TriTraining (SMO)	[-0.04595 , -0.0049]	2
CoForest	[-0.06015 , -0.0138]	2
Rasco (NN)	[0.0011 , 0.0484]	2
Rasco (C45)	[-0.0337 , 0.00625]	2
Rasco (NB)	[-0.00065 , 0.0034]	2
Rasco (SMO)	[-0.0262 , 0.0206]	2
Co-Bagging (NN)	[-0.0487 , -0.0075]	2
Co-Bagging (C45)	[-0.0598 , -0.0251]	2
Co-Bagging (NB)	[-0.0107 , 0.0005]	2
Co-Bagging (SMO)	[-0.0507 , -0.00455]	2
Rel-Rasco (NN)	[0.00205 , 0.04885]	2
Rel-Rasco (C45)	[-0.03315 , 0.00655]	2
Rel-Rasco (SMO)	[-0.02575 , 0.02]	2
CLCC	[0.0051 , 0.0339]	2
APSSC	[-0.023 , 0.02055]	2
SNNRCE	[-0.04365 , 0.00235]	2
ADE-CoForest	[-0.0333 , 0.00795]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0532 , 0.00295]	2
Self-Training (C45)	[-0.05905 , -0.017]	2
Self-Training (NB)	[0.00295 , 0.01425]	2
Self-Training (SMO)	[-0.0582 , -0.00105]	2
Co-Training (NN)	[-0.0457 , 0.00825]	2
Co-Training (C45)	[-0.0596 , -0.0142]	2
Co-Training (NB)	[-0.0118 , 0.00355]	2
Co-Training (SMO)	[-0.06295 , -0.0061]	2
Democratic-Co	[-0.05815 , -0.0275]	2
SETRED	[-0.055 , 0.00025]	2
TriTraining (NN)	[-0.0447 , 0.0138]	2
TriTraining (C45)	[-0.0637 , -0.02055]	2
TriTraining (NB)	[-0.01335 , -0.00085]	2
TriTraining (SMO)	[-0.05735 , 0.0004]	2
DE-TriTraining (NN)	[-0.0438 , 0.0029]	2
DE-TriTraining (C45)	[-0.04305 , -0.0024]	2
DE-TriTraining (NB)	[-0.00825 , 0.0099]	2
DE-TriTraining (SMO)	[-0.05065 , -0.001]	2
CoForest	[-0.0657 , -0.00935]	2
Rasco (NN)	[-0.0032 , 0.0528]	2
Rasco (C45)	[-0.03845 , 0.0108]	2
Rasco (NB)	[-0.00105 , 0.0039]	2
Rasco (SMO)	[-0.0305 , 0.0256]	2
Co-Bagging (NN)	[-0.05405 , -0.0028]	2
Co-Bagging (C45)	[-0.0636 , -0.02145]	2
Co-Bagging (NB)	[-0.0119 , 0.0014]	2
Co-Bagging (SMO)	[-0.05535 , -0.00045]	2
Rel-Rasco (NN)	[-0.00235 , 0.05405]	2
Rel-Rasco (C45)	[-0.03755 , 0.01105]	2
Rel-Rasco (SMO)	[-0.0306 , 0.024]	2
CLCC	[0.00315 , 0.0377]	2
APSSC	[-0.0272 , 0.02655]	2
SNNRCE	[-0.0488 , 0.0065]	2
ADE-CoForest	[-0.0369 , 0.0127]	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)	647.0	893.0	-	1
Self-Training (C45)	394.0	1146.0	-	1
Self-Training (NB)	824.5	715.5	-	0.644581
Self-Training (SMO)	384.0	1101.0	-	1
Co-Training (NN)	690.5	849.5	-	1
Co-Training (C45)	408.0	1132.0	-	1
Co-Training (NB)	716.0	824.0	-	1
Co-Training (SMO)	303.0	1237.0	-	1
Democratic-Co	323.0	1217.0	-	1
SETRED	595.5	944.5	-	1
TriTraining (NN)	728.0	812.0	-	1
TriTraining (C45)	329.5	1210.5	-	1
TriTraining (NB)	689.0	851.0	-	1
TriTraining (SMO)	443.5	1096.5	-	1
DE-TriTraining (NN)	618.5	921.5	-	1
DE-TriTraining (C45)	532.0	953.0	-	1
DE-TriTraining (NB)	774.5	765.5	-	0.966549
DE-TriTraining (SMO)	501.5	983.5	-	1
CoForest	508.0	1032.0	-	1
Rasco (NN)	1099.0	441.0	-	0.005767
Rasco (C45)	631.0	854.0	-	1
Rasco (NB)	800.0	740.0	-	0.798302
Rasco (SMO)	768.5	771.5	-	1
Co-Bagging (NN)	533.0	1007.0	-	1
Co-Bagging (C45)	304.0	1236.0	-	1
Co-Bagging (NB)	708.0	832.0	-	1
Co-Bagging (SMO)	420.0	1065.0	-	1
Rel-Rasco (NN)	1147.5	392.5	-	0.001522
Rel-Rasco (C45)	646.5	893.5	-	1
Rel-Rasco (NB)	788.0	752.0	-	0.876819
CLCC	980.0	560.0	-	0.077785
APSSC	832.0	708.0	-	0.600516
SNNRCE	629.0	911.0	-	1
ADE-CoForest	705.0	835.0	-	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)	[-0.0376 , 0.00595]	2
Self-Training (C45)	[-0.0496 , -0.01525]	2
Self-Training (NB)	[-0.01685 , 0.0312]	2
Self-Training (SMO)	[-0.0318 , -0.00725]	2
Co-Training (NN)	[-0.0272 , 0.00995]	2
Co-Training (C45)	[-0.0498 , -0.01315]	2
Co-Training (NB)	[-0.02985 , 0.0174]	2
Co-Training (SMO)	[-0.03795 , -0.0138]	2
Democratic-Co	[-0.0555 , -0.02155]	2
SETRED	[-0.03795 , 0.00135]	2
TriTraining (NN)	[-0.02995 , 0.0148]	2
TriTraining (C45)	[-0.05445 , -0.02215]	2
TriTraining (NB)	[-0.0324 , 0.01245]	2
TriTraining (SMO)	[-0.0307 , -0.00645]	2
DE-TriTraining (NN)	[-0.03185 , 0.0046]	2
DE-TriTraining (C45)	[-0.03455 , -0.0015]	2
DE-TriTraining (NB)	[-0.02095 , 0.02685]	2
DE-TriTraining (SMO)	[-0.0334 , -0.0017]	2
CoForest	[-0.05245 , -0.0069]	2
Rasco (NN)	[0.0112 , 0.04305]	2
Rasco (C45)	[-0.0313 , 0.0074]	2
Rasco (NB)	[-0.0185 , 0.02565]	2
Rasco (SMO)	[-0.0039 , 0.00305]	2
Co-Bagging (NN)	[-0.03935 , -0.0042]	2
Co-Bagging (C45)	[-0.0522 , -0.022]	2
Co-Bagging (NB)	[-0.0293 , 0.0147]	2
Co-Bagging (SMO)	[-0.033 , -0.00705]	2
Rel-Rasco (NN)	[0.0133 , 0.0426]	2
Rel-Rasco (C45)	[-0.0277 , 0.0075]	2
Rel-Rasco (NB)	[-0.02 , 0.02575]	2
CLCC	[0.0026 , 0.06975]	2
APSSC	[-0.01585 , 0.03145]	2
SNNRCE	[-0.03585 , 0.00605]	2
ADE-CoForest	[-0.0284 , 0.0152]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04275 , 0.0085]	2
Self-Training (C45)	[-0.0518 , -0.0125]	2
Self-Training (NB)	[-0.02115 , 0.03635]	2
Self-Training (SMO)	[-0.0355 , -0.00555]	2
Co-Training (NN)	[-0.03345 , 0.0135]	2
Co-Training (C45)	[-0.0527 , -0.0109]	2
Co-Training (NB)	[-0.0339 , 0.02185]	2
Co-Training (SMO)	[-0.0419 , -0.01195]	2
Democratic-Co	[-0.05905 , -0.0177]	2
SETRED	[-0.04255 , 0.0042]	2
TriTraining (NN)	[-0.0343 , 0.0183]	2
TriTraining (C45)	[-0.05815 , -0.0196]	2
TriTraining (NB)	[-0.03725 , 0.0166]	2
TriTraining (SMO)	[-0.0341 , -0.0043]	2
DE-TriTraining (NN)	[-0.0358 , 0.00855]	2
DE-TriTraining (C45)	[-0.0386 , 0.0014]	2
DE-TriTraining (NB)	[-0.0262 , 0.0313]	2
DE-TriTraining (SMO)	[-0.03545 , -0.00035]	2
CoForest	[-0.05735 , -0.0027]	2
Rasco (NN)	[0.00785 , 0.0467]	2
Rasco (C45)	[-0.034 , 0.0109]	2
Rasco (NB)	[-0.0235 , 0.0301]	2
Rasco (SMO)	[-0.00455 , 0.00375]	2
Co-Bagging (NN)	[-0.04345 , -0.00025]	2
Co-Bagging (C45)	[-0.0554 , -0.0197]	2
Co-Bagging (NB)	[-0.03365 , 0.0203]	2
Co-Bagging (SMO)	[-0.037 , -0.0051]	2
Rel-Rasco (NN)	[0.0107 , 0.04635]	2
Rel-Rasco (C45)	[-0.03115 , 0.0102]	2
Rel-Rasco (NB)	[-0.024 , 0.0306]	2
CLCC	[-0.0027 , 0.08105]	2
APSSC	[-0.02055 , 0.0364]	2
SNNRCE	[-0.0399 , 0.0103]	2
ADE-CoForest	[-0.0329 , 0.01985]	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)	360.0	1125.0	-	1
Self-Training (C45)	240.0	1245.0	-	1
Self-Training (NB)	567.0	973.0	-	1
Self-Training (SMO)	359.0	1126.0	-	1
Co-Training (NN)	420.0	1120.0	-	1
Co-Training (C45)	299.0	1241.0	-	1
Co-Training (NB)	351.0	1134.0	-	1
Co-Training (SMO)	340.5	1144.5	-	1
Democratic-Co	113.0	1427.0	-	1
SETRED	363.0	1177.0	-	1
TriTraining (NN)	441.0	1044.0	-	1
TriTraining (C45)	242.0	1298.0	-	1
TriTraining (NB)	340.0	1200.0	-	1
TriTraining (SMO)	386.0	1099.0	-	1
DE-TriTraining (NN)	323.0	1217.0	-	1
DE-TriTraining (C45)	312.0	1228.0	-	1
DE-TriTraining (NB)	411.0	1129.0	-	1
DE-TriTraining (SMO)	337.0	1203.0	-	1
CoForest	305.0	1235.0	-	1
Rasco (NN)	699.0	786.0	-	1
Rasco (C45)	469.0	1071.0	-	1
Rasco (NB)	458.5	1026.5	-	1
Rasco (SMO)	560.0	980.0	-	1
Co-Bagging (NN)	282.5	1257.5	-	1
Co-Bagging (C45)	245.5	1294.5	-	1
Co-Bagging (NB)	393.0	1147.0	-	1
Co-Bagging (SMO)	385.0	1100.0	-	1
Rel-Rasco (NN)	742.5	797.5	-	1
Rel-Rasco (C45)	487.0	1053.0	-	1
Rel-Rasco (NB)	493.5	1046.5	-	1
Rel-Rasco (SMO)	560.0	980.0	-	1
APSSC	476.0	1064.0	-	1
SNNRCE	382.5	1102.5	-	1
ADE-CoForest	356.0	1184.0	-	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)	[-0.0848 , -0.02335]	2
Self-Training (C45)	[-0.08505 , -0.0319]	2
Self-Training (NB)	[-0.02445 , -0.0006]	2
Self-Training (SMO)	[-0.08795 , -0.0331]	2
Co-Training (NN)	[-0.07755 , -0.0175]	2
Co-Training (C45)	[-0.08965 , -0.03405]	2
Co-Training (NB)	[-0.03885 , -0.0133]	2
Co-Training (SMO)	[-0.09915 , -0.03245]	2
Democratic-Co	[-0.09515 , -0.04305]	2
SETRED	[-0.085 , -0.0247]	2
TriTraining (NN)	[-0.0667 , -0.01155]	2
TriTraining (C45)	[-0.09475 , -0.03835]	2
TriTraining (NB)	[-0.0414 , -0.01605]	2
TriTraining (SMO)	[-0.0917 , -0.0279]	2
DE-TriTraining (NN)	[-0.0624 , -0.0188]	2
DE-TriTraining (C45)	[-0.0684 , -0.02205]	2
DE-TriTraining (NB)	[-0.03215 , -0.0102]	2
DE-TriTraining (SMO)	[-0.0773 , -0.02565]	2
CoForest	[-0.07555 , -0.02715]	2
Rasco (NN)	[-0.0376 , 0.0204]	2
Rasco (C45)	[-0.07365 , -0.01475]	2
Rasco (NB)	[-0.02945 , -0.0054]	2
Rasco (SMO)	[-0.0721 , -0.00265]	2
Co-Bagging (NN)	[-0.08015 , -0.0247]	2
Co-Bagging (C45)	[-0.0962 , -0.0377]	2
Co-Bagging (NB)	[-0.03835 , -0.01125]	2
Co-Bagging (SMO)	[-0.09375 , -0.0235]	2
Rel-Rasco (NN)	[-0.0358 , 0.02365]	2
Rel-Rasco (C45)	[-0.0721 , -0.01215]	2
Rel-Rasco (NB)	[-0.0339 , -0.0051]	2
Rel-Rasco (SMO)	[-0.06975 , -0.0026]	2
APSSC	[-0.0512 , -0.01015]	2
SNNRCE	[-0.0768 , -0.01965]	2
ADE-CoForest	[-0.04345 , -0.0135]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0909 , -0.0176]	2
Self-Training (C45)	[-0.10045 , -0.028]	2
Self-Training (NB)	[-0.0274 , 0.0022]	2
Self-Training (SMO)	[-0.09425 , -0.02775]	2
Co-Training (NN)	[-0.0837 , -0.0131]	2
Co-Training (C45)	[-0.10005 , -0.0309]	2
Co-Training (NB)	[-0.0427 , -0.0115]	2
Co-Training (SMO)	[-0.1087 , -0.0247]	2
Democratic-Co	[-0.10615 , -0.0398]	2
SETRED	[-0.09125 , -0.02105]	2
TriTraining (NN)	[-0.0745 , -0.00725]	2
TriTraining (C45)	[-0.1071 , -0.03325]	2
TriTraining (NB)	[-0.0451 , -0.0139]	2
TriTraining (SMO)	[-0.09965 , -0.02105]	2
DE-TriTraining (NN)	[-0.0699 , -0.0164]	2
DE-TriTraining (C45)	[-0.0782 , -0.0189]	2
DE-TriTraining (NB)	[-0.03515 , -0.00795]	2
DE-TriTraining (SMO)	[-0.08435 , -0.0208]	2
CoForest	[-0.08205 , -0.02335]	2
Rasco (NN)	[-0.04635 , 0.025]	2
Rasco (C45)	[-0.0822 , -0.01025]	2
Rasco (NB)	[-0.03305 , -0.00355]	2
Rasco (SMO)	[-0.08265 , 0.0022]	2
Co-Bagging (NN)	[-0.0889 , -0.02145]	2
Co-Bagging (C45)	[-0.10675 , -0.0334]	2
Co-Bagging (NB)	[-0.04275 , -0.00885]	2
Co-Bagging (SMO)	[-0.1034 , -0.01805]	2
Rel-Rasco (NN)	[-0.0423 , 0.0278]	2
Rel-Rasco (C45)	[-0.0796 , -0.00765]	2
Rel-Rasco (NB)	[-0.0377 , -0.00315]	2
Rel-Rasco (SMO)	[-0.08105 , 0.0027]	2
APSSC	[-0.05855 , -0.00645]	2
SNNRCE	[-0.0845 , -0.0148]	2
ADE-CoForest	[-0.04645 , -0.01125]	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)	464.0	1076.0	-	1
Self-Training (C45)	382.0	1103.0	-	1
Self-Training (NB)	860.0	680.0	-	0.447821
Self-Training (SMO)	454.0	1031.0	-	1
Co-Training (NN)	544.0	996.0	-	1
Co-Training (C45)	423.5	1061.5	-	1
Co-Training (NB)	699.5	785.5	-	1
Co-Training (SMO)	382.0	1158.0	-	1
Democratic-Co	278.0	1262.0	-	1
SETRED	462.0	1078.0	-	1
TriTraining (NN)	621.0	919.0	-	1
TriTraining (C45)	369.0	1171.0	-	1
TriTraining (NB)	696.0	844.0	-	1
TriTraining (SMO)	499.0	1041.0	-	1
DE-TriTraining (NN)	556.5	928.5	-	1
DE-TriTraining (C45)	487.5	1052.5	-	1
DE-TriTraining (NB)	782.0	758.0	-	0.916589
DE-TriTraining (SMO)	414.5	1125.5	-	1
CoForest	518.0	967.0	-	1
Rasco (NN)	947.0	593.0	-	0.136964
Rasco (C45)	595.0	945.0	-	1
Rasco (NB)	800.5	739.5	-	0.794858
Rasco (SMO)	699.0	841.0	-	1
Co-Bagging (NN)	465.0	1020.0	-	1
Co-Bagging (C45)	363.0	1177.0	-	1
Co-Bagging (NB)	739.0	801.0	-	1
Co-Bagging (SMO)	412.0	1128.0	-	1
Rel-Rasco (NN)	970.0	570.0	-	0.092977
Rel-Rasco (C45)	588.5	951.5	-	1
Rel-Rasco (NB)	783.0	757.0	-	0.909849
Rel-Rasco (SMO)	708.0	832.0	-	1
CLCC	1064.0	476.0	-	0.013607
SNNRCE	517.0	1023.0	-	1
ADE-CoForest	689.0	851.0	-	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)	[-0.041 , -0.00955]	2
Self-Training (C45)	[-0.0557 , -0.0189]	2
Self-Training (NB)	[-0.0116 , 0.0249]	2
Self-Training (SMO)	[-0.04995 , -0.00885]	2
Co-Training (NN)	[-0.0395 , -0.0027]	2
Co-Training (C45)	[-0.0587 , -0.0184]	2
Co-Training (NB)	[-0.02465 , 0.0153]	2
Co-Training (SMO)	[-0.06155 , -0.02245]	2
Democratic-Co	[-0.0597 , -0.02665]	2
SETRED	[-0.04455 , -0.01115]	2
TriTraining (NN)	[-0.03255 , 0.0045]	2
TriTraining (C45)	[-0.0584 , -0.02115]	2
TriTraining (NB)	[-0.0286 , 0.0132]	2
TriTraining (SMO)	[-0.04985 , -0.00785]	2
DE-TriTraining (NN)	[-0.03455 , 0.0002]	2
DE-TriTraining (C45)	[-0.0485 , -0.008]	2
DE-TriTraining (NB)	[-0.02235 , 0.02205]	2
DE-TriTraining (SMO)	[-0.0492 , -0.01435]	2
CoForest	[-0.05085 , -0.0051]	2
Rasco (NN)	[-0.0027 , 0.04]	2
Rasco (C45)	[-0.0466 , 0.00355]	2
Rasco (NB)	[-0.0198 , 0.02175]	2
Rasco (SMO)	[-0.0338 , 0.0146]	2
Co-Bagging (NN)	[-0.04335 , -0.0079]	2
Co-Bagging (C45)	[-0.06105 , -0.0214]	2
Co-Bagging (NB)	[-0.0242 , 0.0161]	2
Co-Bagging (SMO)	[-0.05765 , -0.0159]	2
Rel-Rasco (NN)	[0.00025 , 0.0401]	2
Rel-Rasco (C45)	[-0.04535 , 0.0019]	2
Rel-Rasco (NB)	[-0.02055 , 0.023]	2
Rel-Rasco (SMO)	[-0.03145 , 0.01585]	2
CLCC	[0.01015 , 0.0512]	2
SNNRCE	[-0.0347 , -0.0047]	2
ADE-CoForest	[-0.0287 , 0.0121]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04445 , -0.00615]	2
Self-Training (C45)	[-0.06145 , -0.0152]	2
Self-Training (NB)	[-0.0154 , 0.0299]	2
Self-Training (SMO)	[-0.05295 , -0.00575]	2
Co-Training (NN)	[-0.0436 , 0.0005]	2
Co-Training (C45)	[-0.06275 , -0.0152]	2
Co-Training (NB)	[-0.0291 , 0.0196]	2
Co-Training (SMO)	[-0.0654 , -0.01655]	2
Democratic-Co	[-0.06515 , -0.0237]	2
SETRED	[-0.04855 , -0.00745]	2
TriTraining (NN)	[-0.03595 , 0.0072]	2
TriTraining (C45)	[-0.0649 , -0.01805]	2
TriTraining (NB)	[-0.0341 , 0.0171]	2
TriTraining (SMO)	[-0.0541 , -0.00335]	2
DE-TriTraining (NN)	[-0.038 , 0.00285]	2
DE-TriTraining (C45)	[-0.05095 , -0.0038]	2
DE-TriTraining (NB)	[-0.02815 , 0.02695]	2
DE-TriTraining (SMO)	[-0.052 , -0.01115]	2
CoForest	[-0.05495 , 0.0008]	2
Rasco (NN)	[-0.0075 , 0.0434]	2
Rasco (C45)	[-0.0533 , 0.0099]	2
Rasco (NB)	[-0.0246 , 0.02695]	2
Rasco (SMO)	[-0.0399 , 0.0205]	2
Co-Bagging (NN)	[-0.04745 , -0.00505]	2
Co-Bagging (C45)	[-0.0663 , -0.0178]	2
Co-Bagging (NB)	[-0.03095 , 0.01965]	2
Co-Bagging (SMO)	[-0.06105 , -0.01215]	2
Rel-Rasco (NN)	[-0.004 , 0.04385]	2
Rel-Rasco (C45)	[-0.0506 , 0.0075]	2
Rel-Rasco (NB)	[-0.02655 , 0.0272]	2
Rel-Rasco (SMO)	[-0.0364 , 0.02055]	2
CLCC	[0.00645 , 0.05855]	2
SNNRCE	[-0.03815 , -0.0017]	2
ADE-CoForest	[-0.0331 , 0.0178]	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)	627.0	913.0	-	1
Self-Training (C45)	548.0	992.0	-	1
Self-Training (NB)	1008.0	532.0	-	0.045233
Self-Training (SMO)	648.5	891.5	-	1
Co-Training (NN)	777.0	763.0	-	0.949895
Co-Training (C45)	571.0	969.0	-	1
Co-Training (NB)	914.0	626.0	-	0.22601
Co-Training (SMO)	515.5	1024.5	-	1
Democratic-Co	380.0	1160.0	-	1
SETRED	518.5	966.5	-	1
TriTraining (NN)	906.0	579.0	-	0.157928
TriTraining (C45)	465.0	1075.0	-	1
TriTraining (NB)	867.0	618.0	-	0.281285
TriTraining (SMO)	621.0	919.0	-	1
DE-TriTraining (NN)	753.0	787.0	-	1
DE-TriTraining (C45)	638.0	902.0	-	1
DE-TriTraining (NB)	875.5	609.5	-	0.249344
DE-TriTraining (SMO)	470.0	1070.0	-	1
CoForest	546.0	994.0	-	1
Rasco (NN)	1378.5	161.5	-	0
Rasco (C45)	752.5	732.5	-	0.927886
Rasco (NB)	921.0	564.0	-	0.123261
Rasco (SMO)	903.0	637.0	-	0.263338
Co-Bagging (NN)	499.5	1040.5	-	1
Co-Bagging (C45)	467.0	1073.0	-	1
Co-Bagging (NB)	913.0	627.0	-	0.228751
Co-Bagging (SMO)	539.0	1001.0	-	1
Rel-Rasco (NN)	1415.0	125.0	-	0
Rel-Rasco (C45)	794.0	746.0	-	0.837358
Rel-Rasco (NB)	951.0	589.0	-	0.127934
Rel-Rasco (SMO)	911.0	629.0	-	0.235304
CLCC	1102.5	382.5	-	0.001867
APSSC	1023.0	517.0	-	0.033673
ADE-CoForest	792.5	747.5	-	0.847031

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)	[-0.0073 , 0.0011]	2
Self-Training (C45)	[-0.0262 , -0.00135]	2
Self-Training (NB)	[0.00375 , 0.04945]	2
Self-Training (SMO)	[-0.0222 , 0.00735]	2
Co-Training (NN)	[-0.00535 , 0.00655]	2
Co-Training (C45)	[-0.0255 , -0.0004]	2
Co-Training (NB)	[-0.00625 , 0.0365]	2
Co-Training (SMO)	[-0.02895 , -0.005]	2
Democratic-Co	[-0.0323 , -0.0123]	2
SETRED	[-0.009 , -0.00055]	2
TriTraining (NN)	[-0.00115 , 0.01175]	2
TriTraining (C45)	[-0.0281 , -0.00665]	2
TriTraining (NB)	[-0.0093 , 0.0325]	2
TriTraining (SMO)	[-0.0226 , 0.00395]	2
DE-TriTraining (NN)	[-0.0071 , 0.0067]	2
DE-TriTraining (C45)	[-0.01935 , 0.00565]	2
DE-TriTraining (NB)	[-0.00505 , 0.0383]	2
DE-TriTraining (SMO)	[-0.0227 , -0.0063]	2
CoForest	[-0.0255 , -0.00205]	2
Rasco (NN)	[0.0234 , 0.0471]	2
Rasco (C45)	[-0.0166 , 0.02005]	2
Rasco (NB)	[-0.00125 , 0.04215]	2
Rasco (SMO)	[-0.0068 , 0.03275]	2
Co-Bagging (NN)	[-0.01325 , -0.00235]	2
Co-Bagging (C45)	[-0.03045 , -0.0072]	2
Co-Bagging (NB)	[-0.0079 , 0.0332]	2
Co-Bagging (SMO)	[-0.02365 , -0.0028]	2
Rel-Rasco (NN)	[0.02285 , 0.0457]	2
Rel-Rasco (C45)	[-0.01645 , 0.02385]	2
Rel-Rasco (NB)	[-0.00235 , 0.04365]	2
Rel-Rasco (SMO)	[-0.00605 , 0.03585]	2
CLCC	[0.01965 , 0.0768]	2
APSSC	[0.0047 , 0.0347]	2
ADE-CoForest	[-0.0102 , 0.01695]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0085 , 0.002]	2
Self-Training (C45)	[-0.028 , 0.0005]	2
Self-Training (NB)	[0.00035 , 0.05485]	2
Self-Training (SMO)	[-0.0247 , 0.01125]	2
Co-Training (NN)	[-0.00695 , 0.0079]	2
Co-Training (C45)	[-0.0281 , 0.0027]	2
Co-Training (NB)	[-0.01015 , 0.0405]	2
Co-Training (SMO)	[-0.03165 , -0.0019]	2
Democratic-Co	[-0.0343 , -0.0105]	2
SETRED	[-0.01005 , 0.00005]	2
TriTraining (NN)	[-0.00265 , 0.0134]	2
TriTraining (C45)	[-0.03055 , -0.00465]	2
TriTraining (NB)	[-0.0138 , 0.0355]	2
TriTraining (SMO)	[-0.02525 , 0.0072]	2
DE-TriTraining (NN)	[-0.00815 , 0.0086]	2
DE-TriTraining (C45)	[-0.0222 , 0.00775]	2
DE-TriTraining (NB)	[-0.00785 , 0.0433]	2
DE-TriTraining (SMO)	[-0.0246 , -0.00365]	2
CoForest	[-0.0282 , 0.00055]	2
Rasco (NN)	[0.0216 , 0.0504]	2
Rasco (C45)	[-0.0193 , 0.0259]	2
Rasco (NB)	[-0.0074 , 0.0485]	2
Rasco (SMO)	[-0.01005 , 0.03665]	2
Co-Bagging (NN)	[-0.01465 , -0.0013]	2
Co-Bagging (C45)	[-0.03315 , -0.00495]	2
Co-Bagging (NB)	[-0.01115 , 0.0374]	2
Co-Bagging (SMO)	[-0.0262 , 0.00015]	2
Rel-Rasco (NN)	[0.02125 , 0.0493]	2
Rel-Rasco (C45)	[-0.0194 , 0.02735]	2
Rel-Rasco (NB)	[-0.0065 , 0.0488]	2
Rel-Rasco (SMO)	[-0.0103 , 0.0399]	2
CLCC	[0.0148 , 0.0845]	2
APSSC	[0.0017 , 0.03815]	2
ADE-CoForest	[-0.01215 , 0.0222]	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)	723.5	816.5	-	1
Self-Training (C45)	519.0	966.0	-	1
Self-Training (NB)	949.0	591.0	-	0.132594
Self-Training (SMO)	475.0	1065.0	-	1
Co-Training (NN)	726.0	759.0	-	1
Co-Training (C45)	544.0	996.0	-	1
Co-Training (NB)	836.5	703.5	-	0.574149
Co-Training (SMO)	496.0	1044.0	-	1
Democratic-Co	353.5	1131.5	-	1
SETRED	655.5	829.5	-	1
TriTraining (NN)	791.0	749.0	-	0.857044
TriTraining (C45)	435.0	1050.0	-	1
TriTraining (NB)	741.0	744.0	-	1
TriTraining (SMO)	519.5	1020.5	-	1
DE-TriTraining (NN)	707.0	778.0	-	1
DE-TriTraining (C45)	721.5	763.5	-	1
DE-TriTraining (NB)	913.5	626.5	-	0.227621
DE-TriTraining (SMO)	575.0	965.0	-	1
CoForest	402.0	1138.0	-	1
Rasco (NN)	1146.0	394.0	-	0.001608
Rasco (C45)	806.0	734.0	-	0.759744
Rasco (NB)	866.0	619.0	-	0.285671
Rasco (SMO)	828.0	712.0	-	0.624031
Co-Bagging (NN)	557.0	983.0	-	1
Co-Bagging (C45)	467.5	1072.5	-	1
Co-Bagging (NB)	845.0	695.0	-	0.527008
Co-Bagging (SMO)	554.5	985.5	-	1
Rel-Rasco (NN)	1172.5	367.5	-	0.000725
Rel-Rasco (C45)	815.0	725.0	-	0.702741
Rel-Rasco (NB)	890.5	649.5	-	0.310169
Rel-Rasco (SMO)	835.0	705.0	-	0.583146
CLCC	1184.0	356.0	-	0.000515
APSSC	851.0	689.0	-	0.494701
SNNRCE	747.5	792.5	-	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)	[-0.0225 , 0.0084]	2
Self-Training (C45)	[-0.03055 , -0.0017]	2
Self-Training (NB)	[-0.0015 , 0.03795]	2
Self-Training (SMO)	[-0.03835 , -0.00925]	2
Co-Training (NN)	[-0.0206 , 0.01335]	2
Co-Training (C45)	[-0.03275 , -0.002]	2
Co-Training (NB)	[-0.0127 , 0.0238]	2
Co-Training (SMO)	[-0.0377 , -0.0082]	2
Democratic-Co	[-0.0416 , -0.0112]	2
SETRED	[-0.02285 , 0.00545]	2
TriTraining (NN)	[-0.01775 , 0.01585]	2
TriTraining (C45)	[-0.0361 , -0.00585]	2
TriTraining (NB)	[-0.01845 , 0.0175]	2
TriTraining (SMO)	[-0.03275 , -0.0037]	2
DE-TriTraining (NN)	[-0.01125 , 0.00605]	2
DE-TriTraining (C45)	[-0.0092 , 0.00615]	2
DE-TriTraining (NB)	[-0.00445 , 0.02485]	2
DE-TriTraining (SMO)	[-0.0197 , 0]	2
CoForest	[-0.02555 , -0.00565]	2
Rasco (NN)	[0.01805 , 0.0445]	2
Rasco (C45)	[-0.0178 , 0.0185]	2
Rasco (NB)	[-0.00695 , 0.0323]	2
Rasco (SMO)	[-0.0153 , 0.02785]	2
Co-Bagging (NN)	[-0.01815 , -0.0007]	2
Co-Bagging (C45)	[-0.0345 , -0.0053]	2
Co-Bagging (NB)	[-0.0122 , 0.0225]	2
Co-Bagging (SMO)	[-0.03395 , -0.00195]	2
Rel-Rasco (NN)	[0.02125 , 0.04635]	2
Rel-Rasco (C45)	[-0.01585 , 0.02065]	2
Rel-Rasco (NB)	[-0.00795 , 0.0333]	2
Rel-Rasco (SMO)	[-0.0152 , 0.0284]	2
CLCC	[0.0135 , 0.04345]	2
APSSC	[-0.0121 , 0.0287]	2
SNNRCE	[-0.01695 , 0.0102]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0282 , 0.01075]	2
Self-Training (C45)	[-0.03625 , 0.00015]	2
Self-Training (NB)	[-0.00525 , 0.042]	2
Self-Training (SMO)	[-0.0408 , -0.00565]	2
Co-Training (NN)	[-0.02515 , 0.01565]	2
Co-Training (C45)	[-0.03755 , 0.0003]	2
Co-Training (NB)	[-0.017 , 0.0278]	2
Co-Training (SMO)	[-0.0419 , -0.0052]	2
Democratic-Co	[-0.0456 , -0.00935]	2
SETRED	[-0.02965 , 0.00795]	2
TriTraining (NN)	[-0.02305 , 0.0188]	2
TriTraining (C45)	[-0.0396 , -0.00375]	2
TriTraining (NB)	[-0.0223 , 0.02215]	2
TriTraining (SMO)	[-0.03645 , -0.0008]	2
DE-TriTraining (NN)	[-0.0146 , 0.0074]	2
DE-TriTraining (C45)	[-0.01155 , 0.0076]	2
DE-TriTraining (NB)	[-0.008 , 0.02825]	2
DE-TriTraining (SMO)	[-0.02205 , 0.0018]	2
CoForest	[-0.0285 , -0.0043]	2
Rasco (NN)	[0.0152 , 0.0474]	2
Rasco (C45)	[-0.02445 , 0.0202]	2
Rasco (NB)	[-0.0102 , 0.03635]	2
Rasco (SMO)	[-0.0205 , 0.0327]	2
Co-Bagging (NN)	[-0.02065 , 0.0012]	2
Co-Bagging (C45)	[-0.04025 , -0.00325]	2
Co-Bagging (NB)	[-0.0158 , 0.02625]	2
Co-Bagging (SMO)	[-0.03795 , 0.00165]	2
Rel-Rasco (NN)	[0.01885 , 0.04855]	2
Rel-Rasco (C45)	[-0.02075 , 0.02345]	2
Rel-Rasco (NB)	[-0.0127 , 0.0369]	2
Rel-Rasco (SMO)	[-0.01985 , 0.0329]	2
CLCC	[0.01125 , 0.04645]	2
APSSC	[-0.0178 , 0.0331]	2
SNNRCE	[-0.0222 , 0.01215]	2

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