

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)	628.0	912.0	-	1
Self-Training (NB)	1033.5	506.5	-	0.026811
Self-Training (SMO)	825.0	715.0	-	0.641925
Co-Training (NN)	914.5	570.5	-	0.136628
Co-Training (C45)	797.0	743.0	-	0.817585
Co-Training (NB)	868.0	617.0	-	0.277971
Co-Training (SMO)	695.0	845.0	-	1
Democratic-Co	535.0	1005.0	-	1
SETRED	337.5	1147.5	-	1
TriTraining (NN)	669.0	816.0	-	1
TriTraining (C45)	538.0	1002.0	-	1
TriTraining (NB)	889.5	650.5	-	0.314185
TriTraining (SMO)	731.0	809.0	-	1
DE-TriTraining (NN)	699.0	841.0	-	1
DE-TriTraining (C45)	641.5	898.5	-	1
DE-TriTraining (NB)	877.0	608.0	-	0.245081
DE-TriTraining (SMO)	623.0	917.0	-	1
CoForest	602.0	938.0	-	1
Rasco (NN)	1395.0	90.0	-	0
Rasco (C45)	1043.0	497.0	-	0.021794
Rasco (NB)	1007.0	533.0	-	0.046601
Rasco (SMO)	1074.0	411.0	-	0.004214
Co-Bagging (NN)	648.5	891.5	-	1
Co-Bagging (C45)	583.0	957.0	-	1
Co-Bagging (NB)	912.0	628.0	-	0.2325
Co-Bagging (SMO)	728.0	812.0	-	1
Rel-Rasco (NN)	1392.5	92.5	-	0
Rel-Rasco (C45)	1073.0	467.0	-	0.010994
Rel-Rasco (NB)	1015.0	525.0	-	0.039693
Rel-Rasco (SMO)	1083.0	402.0	-	0.003324
CLCC	952.5	532.5	-	0.069616
APSSC	1030.0	510.0	-	0.028896
SNNRCE	564.5	975.5	-	1
ADE-CoForest	743.5	741.5	-	0.989684

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

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0282 , 0.0046]	2
Self-Training (NB)	[0.0088 , 0.0595]	2
Self-Training (SMO)	[-0.01055 , 0.02025]	2
Co-Training (NN)	[-0.00075 , 0.01845]	2
Co-Training (C45)	[-0.0195 , 0.0234]	2
Co-Training (NB)	[-0.0056 , 0.03415]	2
Co-Training (SMO)	[-0.01925 , 0.01135]	2
Democratic-Co	[-0.03135 , -0.00385]	2
SETRED	[-0.00655 , -0.00165]	2
TriTraining (NN)	[-0.0074 , 0.0033]	2
TriTraining (C45)	[-0.03595 , -0.0059]	2
TriTraining (NB)	[-0.0098 , 0.0371]	2
TriTraining (SMO)	[-0.01755 , 0.0194]	2
DE-TriTraining (NN)	[-0.0129 , 0.00635]	2
DE-TriTraining (C45)	[-0.0216 , 0.0046]	2
DE-TriTraining (NB)	[-0.0078 , 0.03765]	2
DE-TriTraining (SMO)	[-0.01725 , 0.00305]	2
CoForest	[-0.02795 , 0.00265]	2
Rasco (NN)	[0.0417 , 0.08725]	2
Rasco (C45)	[0.0099 , 0.0683]	2
Rasco (NB)	[0.00495 , 0.0661]	2
Rasco (SMO)	[0.01725 , 0.0841]	2
Co-Bagging (NN)	[-0.01225 , 0.00305]	2
Co-Bagging (C45)	[-0.0346 , 0.00105]	2
Co-Bagging (NB)	[-0.0059 , 0.03975]	2
Co-Bagging (SMO)	[-0.0174 , 0.0172]	2
Rel-Rasco (NN)	[0.04315 , 0.0951]	2
Rel-Rasco (C45)	[0.0156 , 0.07395]	2
Rel-Rasco (NB)	[0.00655 , 0.06385]	2
Rel-Rasco (SMO)	[0.0203 , 0.087]	2
CLCC	[0.00135 , 0.05695]	2
APSSC	[0.00565 , 0.04235]	2
SNNRCE	[-0.01085 , -0.0003]	2
ADE-CoForest	[-0.0131 , 0.01935]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (C45)	[-0.0318 , 0.00885]	2
Self-Training (NB)	[0.00375 , 0.0657]	2
Self-Training (SMO)	[-0.0132 , 0.0235]	2
Co-Training (NN)	[-0.0015 , 0.0225]	2
Co-Training (C45)	[-0.02365 , 0.0283]	2
Co-Training (NB)	[-0.01075 , 0.0389]	2
Co-Training (SMO)	[-0.02215 , 0.0154]	2
Democratic-Co	[-0.03445 , -0.0001]	2
SETRED	[-0.00685 , -0.0011]	2
TriTraining (NN)	[-0.00875 , 0.00395]	2
TriTraining (C45)	[-0.04055 , 0.00005]	2
TriTraining (NB)	[-0.01375 , 0.04175]	2
TriTraining (SMO)	[-0.0199 , 0.02335]	2
DE-TriTraining (NN)	[-0.0143 , 0.0088]	2
DE-TriTraining (C45)	[-0.02375 , 0.00915]	2
DE-TriTraining (NB)	[-0.0127 , 0.0431]	2
DE-TriTraining (SMO)	[-0.0191 , 0.00585]	2
CoForest	[-0.03235 , 0.0066]	2
Rasco (NN)	[0.0389 , 0.0912]	2
Rasco (C45)	[0.0056 , 0.07655]	2
Rasco (NB)	[0.00045 , 0.0721]	2
Rasco (SMO)	[0.0116 , 0.091]	2
Co-Bagging (NN)	[-0.0135 , 0.00505]	2
Co-Bagging (C45)	[-0.0381 , 0.00455]	2
Co-Bagging (NB)	[-0.01 , 0.0458]	2
Co-Bagging (SMO)	[-0.0204 , 0.0224]	2
Rel-Rasco (NN)	[0.0403 , 0.1019]	2
Rel-Rasco (C45)	[0.01105 , 0.0798]	2
Rel-Rasco (NB)	[0.00145 , 0.07075]	2
Rel-Rasco (SMO)	[0.0145 , 0.09425]	2
CLCC	[-0.0019 , 0.0621]	2
APSSC	[0.0028 , 0.04605]	2
SNNRCE	[-0.01205 , 0.0006]	2
ADE-CoForest	[-0.0158 , 0.024]	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)	912.0	628.0	-	0.231521
Self-Training (NB)	1246.5	293.5	-	0.000063
Self-Training (SMO)	950.5	534.5	-	0.072309
Co-Training (NN)	1002.0	538.0	-	0.05117
Co-Training (C45)	923.5	561.5	-	0.11495
Co-Training (NB)	1069.0	471.0	-	0.012005
Co-Training (SMO)	921.0	619.0	-	0.204316
Democratic-Co	727.0	813.0	-	1
SETRED	782.0	703.0	-	0.730539
TriTraining (NN)	841.5	698.5	-	0.545918
TriTraining (C45)	431.0	1054.0	-	1
TriTraining (NB)	1051.0	489.0	-	0.018103
TriTraining (SMO)	930.0	555.0	-	0.105507
DE-TriTraining (NN)	883.0	602.0	-	0.224233
DE-TriTraining (C45)	973.5	511.5	-	0.045764
DE-TriTraining (NB)	1146.0	394.0	-	0.001572
DE-TriTraining (SMO)	974.0	511.0	-	0.045763
CoForest	621.0	919.0	-	1
Rasco (NN)	1463.5	76.5	-	0
Rasco (C45)	1452.5	87.5	-	0
Rasco (NB)	1186.0	354.0	-	0.000484
Rasco (SMO)	1242.0	243.0	-	0.000016
Co-Bagging (NN)	876.5	663.5	-	0.369482
Co-Bagging (C45)	523.5	961.5	-	1
Co-Bagging (NB)	1088.0	452.0	-	0.007618
Co-Bagging (SMO)	924.0	561.0	-	0.117101
Rel-Rasco (NN)	1479.5	60.5	-	0
Rel-Rasco (C45)	1466.5	73.5	-	0
Rel-Rasco (NB)	1187.0	353.0	-	0.000469
Rel-Rasco (SMO)	1269.0	216.0	-	0.000006
CLCC	1061.5	423.5	-	0.005888
APSSC	1063.0	477.0	-	0.013928
SNNRCE	808.5	731.5	-	0.743328
ADE-CoForest	918.0	567.0	-	0.129672

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)	[-0.0046 , 0.0282]	2
Self-Training (NB)	[0.0295 , 0.0645]	2
Self-Training (SMO)	[0.0021 , 0.0382]	2
Co-Training (NN)	[0.00335 , 0.0392]	2
Co-Training (C45)	[-0.0001 , 0.0147]	2
Co-Training (NB)	[0.0101 , 0.0409]	2
Co-Training (SMO)	[-0.0047 , 0.0335]	2
Democratic-Co	[-0.01155 , 0.0074]	2
SETRED	[-0.0138 , 0.02035]	2
TriTraining (NN)	[-0.0111 , 0.02125]	2
TriTraining (C45)	[-0.0134 , -0.00315]	2
TriTraining (NB)	[0.00865 , 0.0428]	2
TriTraining (SMO)	[-0.00045 , 0.0348]	2
DE-TriTraining (NN)	[-0.0025 , 0.0228]	2
DE-TriTraining (C45)	[0.00175 , 0.0201]	2
DE-TriTraining (NB)	[0.0174 , 0.0499]	2
DE-TriTraining (SMO)	[0.004 , 0.03275]	2
CoForest	[-0.02345 , 0.0035]	2
Rasco (NN)	[0.06345 , 0.09895]	2
Rasco (C45)	[0.0304 , 0.0682]	2
Rasco (NB)	[0.02485 , 0.06485]	2
Rasco (SMO)	[0.0396 , 0.09455]	2
Co-Bagging (NN)	[-0.0066 , 0.02275]	2
Co-Bagging (C45)	[-0.0102 , -0.00095]	2
Co-Bagging (NB)	[0.01125 , 0.04385]	2
Co-Bagging (SMO)	[-0.00115 , 0.03605]	2
Rel-Rasco (NN)	[0.06715 , 0.10585]	2
Rel-Rasco (C45)	[0.03475 , 0.0692]	2
Rel-Rasco (NB)	[0.0253 , 0.06635]	2
Rel-Rasco (SMO)	[0.03875 , 0.09415]	2
CLCC	[0.0143 , 0.0649]	2
APSSC	[0.01315 , 0.0651]	2
SNNRCE	[-0.01325 , 0.0201]	2
ADE-CoForest	[-0.00115 , 0.0324]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00885 , 0.0318]	2
Self-Training (NB)	[0.02585 , 0.0677]	2
Self-Training (SMO)	[-0.00115 , 0.04175]	2
Co-Training (NN)	[-0.00005 , 0.0448]	2
Co-Training (C45)	[-0.0007 , 0.01715]	2
Co-Training (NB)	[0.0062 , 0.04425]	2
Co-Training (SMO)	[-0.008 , 0.0377]	2
Democratic-Co	[-0.0141 , 0.00945]	2
SETRED	[-0.01655 , 0.02385]	2
TriTraining (NN)	[-0.01445 , 0.0243]	2
TriTraining (C45)	[-0.01455 , -0.0019]	2
TriTraining (NB)	[0.00535 , 0.0461]	2
TriTraining (SMO)	[-0.00355 , 0.03845]	2
DE-TriTraining (NN)	[-0.00465 , 0.02735]	2
DE-TriTraining (C45)	[0.00015 , 0.02255]	2
DE-TriTraining (NB)	[0.01375 , 0.05295]	2
DE-TriTraining (SMO)	[0.0007 , 0.03625]	2
CoForest	[-0.0264 , 0.0064]	2
Rasco (NN)	[0.06055 , 0.10285]	2
Rasco (C45)	[0.02785 , 0.07205]	2
Rasco (NB)	[0.0208 , 0.0691]	2
Rasco (SMO)	[0.0349 , 0.10075]	2
Co-Bagging (NN)	[-0.0097 , 0.0252]	2
Co-Bagging (C45)	[-0.01175 , 0.0002]	2
Co-Bagging (NB)	[0.0077 , 0.0474]	2
Co-Bagging (SMO)	[-0.0041 , 0.0403]	2
Rel-Rasco (NN)	[0.0638 , 0.11]	2
Rel-Rasco (C45)	[0.0321 , 0.0723]	2
Rel-Rasco (NB)	[0.02165 , 0.071]	2
Rel-Rasco (SMO)	[0.035 , 0.10075]	2
CLCC	[0.0105 , 0.07115]	2
APSSC	[0.00835 , 0.0711]	2
SNNRCE	[-0.0167 , 0.0233]	2
ADE-CoForest	[-0.0036 , 0.0372]	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)	506.5	1033.5	-	1
Self-Training (C45)	293.5	1246.5	-	1
Self-Training (SMO)	535.0	1005.0	-	1
Co-Training (NN)	578.0	962.0	-	1
Co-Training (C45)	413.5	1071.5	-	1
Co-Training (NB)	276.5	1263.5	-	1
Co-Training (SMO)	494.0	1046.0	-	1
Democratic-Co	148.0	1392.0	-	1
SETRED	453.0	1087.0	-	1
TriTraining (NN)	440.5	1099.5	-	1
TriTraining (C45)	264.0	1276.0	-	1
TriTraining (NB)	262.5	1222.5	-	1
TriTraining (SMO)	527.0	1013.0	-	1
DE-TriTraining (NN)	484.0	1056.0	-	1
DE-TriTraining (C45)	416.0	1124.0	-	1
DE-TriTraining (NB)	421.5	1118.5	-	1
DE-TriTraining (SMO)	456.0	1029.0	-	1
CoForest	403.0	1137.0	-	1
Rasco (NN)	1095.0	445.0	-	0.006277
Rasco (C45)	793.0	692.0	-	0.660574
Rasco (NB)	674.0	811.0	-	1
Rasco (SMO)	903.0	637.0	-	0.263338
Co-Bagging (NN)	455.0	1085.0	-	1
Co-Bagging (C45)	258.0	1282.0	-	1
Co-Bagging (NB)	373.0	1167.0	-	1
Co-Bagging (SMO)	550.0	990.0	-	1
Rel-Rasco (NN)	1106.5	433.5	-	0.004749
Rel-Rasco (C45)	846.0	639.0	-	0.37054
Rel-Rasco (NB)	597.5	942.5	-	1
Rel-Rasco (SMO)	893.0	647.0	-	0.300785
CLCC	672.5	867.5	-	1
APSSC	692.0	848.0	-	1
SNNRCE	428.0	1112.0	-	1
ADE-CoForest	497.0	1043.0	-	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)	[-0.0595 , -0.0088]	2
Self-Training (C45)	[-0.0645 , -0.0295]	2
Self-Training (SMO)	[-0.0534 , -0.0054]	2
Co-Training (NN)	[-0.05315 , 0.00035]	2
Co-Training (C45)	[-0.05495 , -0.0163]	2
Co-Training (NB)	[-0.0281 , -0.01305]	2
Co-Training (SMO)	[-0.05835 , -0.0102]	2
Democratic-Co	[-0.0652 , -0.0342]	2
SETRED	[-0.06575 , -0.0147]	2
TriTraining (NN)	[-0.0637 , -0.01335]	2
TriTraining (C45)	[-0.07 , -0.03465]	2
TriTraining (NB)	[-0.0241 , -0.01185]	2
TriTraining (SMO)	[-0.0529 , -0.006]	2
DE-TriTraining (NN)	[-0.05245 , -0.01135]	2
DE-TriTraining (C45)	[-0.0497 , -0.01555]	2
DE-TriTraining (NB)	[-0.02775 , -0.0095]	2
DE-TriTraining (SMO)	[-0.05125 , -0.01085]	2
CoForest	[-0.07335 , -0.0237]	2
Rasco (NN)	[0.01535 , 0.06225]	2
Rasco (C45)	[-0.01625 , 0.03125]	2
Rasco (NB)	[-0.01585 , 0.00985]	2
Rasco (SMO)	[-0.00735 , 0.04505]	2
Co-Bagging (NN)	[-0.0577 , -0.0131]	2
Co-Bagging (C45)	[-0.06685 , -0.0319]	2
Co-Bagging (NB)	[-0.01875 , -0.00655]	2
Co-Bagging (SMO)	[-0.047 , -0.003]	2
Rel-Rasco (NN)	[0.0174 , 0.06695]	2
Rel-Rasco (C45)	[-0.01135 , 0.0375]	2
Rel-Rasco (NB)	[-0.0188 , 0.00125]	2
Rel-Rasco (SMO)	[-0.0095 , 0.04295]	2
CLCC	[-0.02355 , 0.0088]	2
APSSC	[-0.04265 , 0.02035]	2
SNNRCE	[-0.06405 , -0.01715]	2
ADE-CoForest	[-0.04545 , -0.00925]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0657 , -0.00375]	2
Self-Training (C45)	[-0.0677 , -0.02585]	2
Self-Training (SMO)	[-0.05915 , -0.00055]	2
Co-Training (NN)	[-0.0597 , 0.0051]	2
Co-Training (C45)	[-0.0607 , -0.0121]	2
Co-Training (NB)	[-0.0299 , -0.012]	2
Co-Training (SMO)	[-0.06435 , -0.00565]	2
Democratic-Co	[-0.06815 , -0.0315]	2
SETRED	[-0.07055 , -0.0104]	2
TriTraining (NN)	[-0.06985 , -0.00985]	2
TriTraining (C45)	[-0.0751 , -0.03095]	2
TriTraining (NB)	[-0.0255 , -0.01015]	2
TriTraining (SMO)	[-0.05755 , -0.001]	2
DE-TriTraining (NN)	[-0.0585 , -0.00615]	2
DE-TriTraining (C45)	[-0.05325 , -0.0114]	2
DE-TriTraining (NB)	[-0.02985 , -0.0075]	2
DE-TriTraining (SMO)	[-0.0557 , -0.0063]	2
CoForest	[-0.079 , -0.01855]	2
Rasco (NN)	[0.01095 , 0.0675]	2
Rasco (C45)	[-0.02035 , 0.0381]	2
Rasco (NB)	[-0.01835 , 0.0129]	2
Rasco (SMO)	[-0.0133 , 0.05145]	2
Co-Bagging (NN)	[-0.06115 , -0.0081]	2
Co-Bagging (C45)	[-0.0724 , -0.029]	2
Co-Bagging (NB)	[-0.0199 , -0.00555]	2
Co-Bagging (SMO)	[-0.0525 , 0.0018]	2
Rel-Rasco (NN)	[0.01315 , 0.0721]	2
Rel-Rasco (C45)	[-0.01605 , 0.0434]	2
Rel-Rasco (NB)	[-0.02025 , 0.0037]	2
Rel-Rasco (SMO)	[-0.0154 , 0.04935]	2
CLCC	[-0.02545 , 0.01315]	2
APSSC	[-0.0482 , 0.0277]	2
SNNRCE	[-0.0694 , -0.01275]	2
ADE-CoForest	[-0.0502 , -0.00515]	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)	715.0	825.0	-	1
Self-Training (C45)	534.5	950.5	-	1
Self-Training (NB)	1005.0	535.0	-	0.048479
Co-Training (NN)	858.0	682.0	-	0.458389
Co-Training (C45)	693.0	792.0	-	1
Co-Training (NB)	872.5	667.5	-	0.387645
Co-Training (SMO)	571.0	969.0	-	1
Democratic-Co	519.5	965.5	-	1
SETRED	628.0	857.0	-	1
TriTraining (NN)	672.5	867.5	-	1
TriTraining (C45)	435.0	1050.0	-	1
TriTraining (NB)	866.0	674.0	-	0.41781
TriTraining (SMO)	617.5	922.5	-	1
DE-TriTraining (NN)	649.0	836.0	-	1
DE-TriTraining (C45)	677.5	807.5	-	1
DE-TriTraining (NB)	921.0	619.0	-	0.204316
DE-TriTraining (SMO)	689.0	796.0	-	1
CoForest	590.0	950.0	-	1
Rasco (NN)	1270.0	270.0	-	0.000027
Rasco (C45)	1042.0	498.0	-	0.022421
Rasco (NB)	981.0	559.0	-	0.076384
Rasco (SMO)	1187.0	298.0	-	0.000127
Co-Bagging (NN)	684.0	856.0	-	1
Co-Bagging (C45)	440.0	1045.0	-	1
Co-Bagging (NB)	883.5	656.5	-	0.338487
Co-Bagging (SMO)	679.5	805.5	-	1
Rel-Rasco (NN)	1282.0	258.0	-	0.000018
Rel-Rasco (C45)	1060.0	480.0	-	0.014934
Rel-Rasco (NB)	984.0	556.0	-	0.072304
Rel-Rasco (SMO)	1219.5	320.5	-	0.000163
CLCC	899.0	586.0	-	0.176438
APSSC	906.0	634.0	-	0.25276
SNNRCE	638.0	902.0	-	1
ADE-CoForest	780.0	705.0	-	0.743525

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)	[-0.02025 , 0.01055]	2
Self-Training (C45)	[-0.0382 , -0.0021]	2
Self-Training (NB)	[0.0054 , 0.0534]	2
Co-Training (NN)	[-0.00815 , 0.021]	2
Co-Training (C45)	[-0.024 , 0.01235]	2
Co-Training (NB)	[-0.01105 , 0.0332]	2
Co-Training (SMO)	[-0.01555 , -0.0001]	2
Democratic-Co	[-0.03405 , -0.00275]	2
SETRED	[-0.0275 , 0.0049]	2
TriTraining (NN)	[-0.025 , 0.0057]	2
TriTraining (C45)	[-0.04235 , -0.01475]	2
TriTraining (NB)	[-0.0105 , 0.03355]	2
TriTraining (SMO)	[-0.0085 , 0.0009]	2
DE-TriTraining (NN)	[-0.02235 , 0.00885]	2
DE-TriTraining (C45)	[-0.0223 , 0.0101]	2
DE-TriTraining (NB)	[-0.0054 , 0.03755]	2
DE-TriTraining (SMO)	[-0.01745 , 0.009]	2
CoForest	[-0.0345 , 0.00125]	2
Rasco (NN)	[0.04025 , 0.0825]	2
Rasco (C45)	[0.01095 , 0.06215]	2
Rasco (NB)	[0.002 , 0.0529]	2
Rasco (SMO)	[0.01705 , 0.0621]	2
Co-Bagging (NN)	[-0.0214 , 0.00695]	2
Co-Bagging (C45)	[-0.03775 , -0.01]	2
Co-Bagging (NB)	[-0.00925 , 0.03645]	2
Co-Bagging (SMO)	[-0.01025 , 0.0038]	2
Rel-Rasco (NN)	[0.04415 , 0.0889]	2
Rel-Rasco (C45)	[0.0129 , 0.06295]	2
Rel-Rasco (NB)	[0.0021 , 0.05485]	2
Rel-Rasco (SMO)	[0.0166 , 0.066]	2
CLCC	[-0.00465 , 0.0475]	2
APSSC	[-0.00605 , 0.0432]	2
SNNRCE	[-0.0277 , 0.0052]	2
ADE-CoForest	[-0.01335 , 0.0207]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0235 , 0.0132]	2
Self-Training (C45)	[-0.04175 , 0.00115]	2
Self-Training (NB)	[0.00055 , 0.05915]	2
Co-Training (NN)	[-0.0112 , 0.02465]	2
Co-Training (C45)	[-0.02755 , 0.0167]	2
Co-Training (NB)	[-0.01685 , 0.0378]	2
Co-Training (SMO)	[-0.0168 , 0.00075]	2
Democratic-Co	[-0.03795 , 0.00035]	2
SETRED	[-0.0321 , 0.0079]	2
TriTraining (NN)	[-0.02905 , 0.00825]	2
TriTraining (C45)	[-0.04615 , -0.0116]	2
TriTraining (NB)	[-0.0152 , 0.03635]	2
TriTraining (SMO)	[-0.01025 , 0.0023]	2
DE-TriTraining (NN)	[-0.0265 , 0.0117]	2
DE-TriTraining (C45)	[-0.02635 , 0.0134]	2
DE-TriTraining (NB)	[-0.0094 , 0.04135]	2
DE-TriTraining (SMO)	[-0.021 , 0.01165]	2
CoForest	[-0.039 , 0.0051]	2
Rasco (NN)	[0.03615 , 0.087]	2
Rasco (C45)	[0.00615 , 0.06705]	2
Rasco (NB)	[-0.0037 , 0.0586]	2
Rasco (SMO)	[0.0151 , 0.06725]	2
Co-Bagging (NN)	[-0.02615 , 0.0092]	2
Co-Bagging (C45)	[-0.04015 , -0.0069]	2
Co-Bagging (NB)	[-0.0166 , 0.04065]	2
Co-Bagging (SMO)	[-0.01175 , 0.0057]	2
Rel-Rasco (NN)	[0.0413 , 0.094]	2
Rel-Rasco (C45)	[0.0081 , 0.06815]	2
Rel-Rasco (NB)	[-0.00265 , 0.0616]	2
Rel-Rasco (SMO)	[0.0147 , 0.07035]	2
CLCC	[-0.00945 , 0.0529]	2
APSSC	[-0.00985 , 0.04705]	2
SNNRCE	[-0.0316 , 0.00775]	2
ADE-CoForest	[-0.0168 , 0.0254]	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)	570.5	914.5	-	1
Self-Training (C45)	538.0	1002.0	-	1
Self-Training (NB)	962.0	578.0	-	0.106773
Self-Training (SMO)	682.0	858.0	-	1
Co-Training (C45)	689.5	795.5	-	1
Co-Training (NB)	823.5	716.5	-	0.650609
Co-Training (SMO)	636.5	903.5	-	1
Democratic-Co	462.0	1078.0	-	1
SETRED	407.5	1077.5	-	1
TriTraining (NN)	551.5	988.5	-	1
TriTraining (C45)	448.0	1092.0	-	1
TriTraining (NB)	835.0	705.0	-	0.583146
TriTraining (SMO)	690.0	850.0	-	1
DE-TriTraining (NN)	609.5	930.5	-	1
DE-TriTraining (C45)	602.0	938.0	-	1
DE-TriTraining (NB)	821.0	719.0	-	0.666108
DE-TriTraining (SMO)	593.0	947.0	-	1
CoForest	499.0	1041.0	-	1
Rasco (NN)	1267.0	218.0	-	0.000006
Rasco (C45)	983.0	557.0	-	0.073644
Rasco (NB)	960.0	580.0	-	0.110463
Rasco (SMO)	1036.0	504.0	-	0.025557
Co-Bagging (NN)	576.0	909.0	-	1
Co-Bagging (C45)	492.0	1048.0	-	1
Co-Bagging (NB)	889.5	650.5	-	0.314185
Co-Bagging (SMO)	693.0	847.0	-	1
Rel-Rasco (NN)	1347.5	192.5	-	0.000001
Rel-Rasco (C45)	1021.5	518.5	-	0.034549
Rel-Rasco (NB)	948.5	591.5	-	0.13327
Rel-Rasco (SMO)	1062.0	478.0	-	0.014257
CLCC	898.0	642.0	-	0.281135
APSSC	913.0	627.0	-	0.229239
SNNRCE	447.0	1038.0	-	1
ADE-CoForest	708.0	777.0	-	1

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

5.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01845 , 0.00075]	2
Self-Training (C45)	[-0.0392 , -0.00335]	2
Self-Training (NB)	[-0.00035 , 0.05315]	2
Self-Training (SMO)	[-0.021 , 0.00815]	2
Co-Training (C45)	[-0.02565 , 0.0152]	2
Co-Training (NB)	[-0.0138 , 0.02255]	2
Co-Training (SMO)	[-0.03095 , 0.0051]	2
Democratic-Co	[-0.044 , -0.0093]	2
SETRED	[-0.02195 , -0.0039]	2
TriTraining (NN)	[-0.0286 , -0.00085]	2
TriTraining (C45)	[-0.0461 , -0.01195]	2
TriTraining (NB)	[-0.01685 , 0.02825]	2
TriTraining (SMO)	[-0.02305 , 0.01365]	2
DE-TriTraining (NN)	[-0.016 , 0.0019]	2
DE-TriTraining (C45)	[-0.0286 , 0.00195]	2
DE-TriTraining (NB)	[-0.014 , 0.0262]	2
DE-TriTraining (SMO)	[-0.0236 , 0.0018]	2
CoForest	[-0.03895 , -0.0081]	2
Rasco (NN)	[0.03565 , 0.08075]	2
Rasco (C45)	[0.0028 , 0.0641]	2
Rasco (NB)	[-0.0007 , 0.05015]	2
Rasco (SMO)	[0.01335 , 0.0734]	2
Co-Bagging (NN)	[-0.01765 , 0.00125]	2
Co-Bagging (C45)	[-0.04265 , -0.0072]	2
Co-Bagging (NB)	[-0.01025 , 0.03375]	2
Co-Bagging (SMO)	[-0.0229 , 0.01245]	2
Rel-Rasco (NN)	[0.03935 , 0.08405]	2
Rel-Rasco (C45)	[0.011 , 0.06765]	2
Rel-Rasco (NB)	[-0.00245 , 0.05135]	2
Rel-Rasco (SMO)	[0.015 , 0.07585]	2
CLCC	[-0.0077 , 0.042]	2
APSSC	[-0.00635 , 0.04]	2
SNNRCE	[-0.02245 , -0.0042]	2
ADE-CoForest	[-0.01645 , 0.01415]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0225 , 0.0015]	2
Self-Training (C45)	[-0.0448 , 0.00005]	2
Self-Training (NB)	[-0.0051 , 0.0597]	2
Self-Training (SMO)	[-0.02465 , 0.0112]	2
Co-Training (C45)	[-0.0306 , 0.01925]	2
Co-Training (NB)	[-0.0184 , 0.02675]	2
Co-Training (SMO)	[-0.03455 , 0.0097]	2
Democratic-Co	[-0.04935 , -0.00565]	2
SETRED	[-0.02425 , -0.0029]	2
TriTraining (NN)	[-0.0323 , 0.0006]	2
TriTraining (C45)	[-0.0509 , -0.00825]	2
TriTraining (NB)	[-0.022 , 0.0327]	2
TriTraining (SMO)	[-0.0259 , 0.01775]	2
DE-TriTraining (NN)	[-0.01805 , 0.0039]	2
DE-TriTraining (C45)	[-0.0329 , 0.00555]	2
DE-TriTraining (NB)	[-0.0186 , 0.03035]	2
DE-TriTraining (SMO)	[-0.0259 , 0.0044]	2
CoForest	[-0.04285 , -0.00445]	2
Rasco (NN)	[0.0321 , 0.08635]	2
Rasco (C45)	[-0.00375 , 0.0696]	2
Rasco (NB)	[-0.007 , 0.0574]	2
Rasco (SMO)	[0.00515 , 0.0823]	2
Co-Bagging (NN)	[-0.0206 , 0.0031]	2
Co-Bagging (C45)	[-0.0497 , -0.0034]	2
Co-Bagging (NB)	[-0.01695 , 0.03825]	2
Co-Bagging (SMO)	[-0.0259 , 0.01765]	2
Rel-Rasco (NN)	[0.037 , 0.08855]	2
Rel-Rasco (C45)	[0.0034 , 0.07445]	2
Rel-Rasco (NB)	[-0.008 , 0.05775]	2
Rel-Rasco (SMO)	[0.00925 , 0.0827]	2
CLCC	[-0.01175 , 0.05]	2
APSSC	[-0.0107 , 0.0433]	2
SNNRCE	[-0.0267 , -0.00295]	2
ADE-CoForest	[-0.01875 , 0.01815]	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)	743.0	797.0	-	1
Self-Training (C45)	561.5	923.5	-	1
Self-Training (NB)	1071.5	413.5	-	0.00451
Self-Training (SMO)	792.0	693.0	-	0.666824
Co-Training (NN)	795.5	689.5	-	0.644696
Co-Training (NB)	891.0	649.0	-	0.308681
Co-Training (SMO)	796.5	743.5	-	0.820845
Democratic-Co	516.5	968.5	-	1
SETRED	652.0	833.0	-	1
TriTraining (NN)	659.5	880.5	-	1
TriTraining (C45)	291.0	1249.0	-	1
TriTraining (NB)	904.0	636.0	-	0.259779
TriTraining (SMO)	776.0	709.0	-	0.769715
DE-TriTraining (NN)	703.0	782.0	-	1
DE-TriTraining (C45)	691.0	794.0	-	1
DE-TriTraining (NB)	992.5	547.5	-	0.06116
DE-TriTraining (SMO)	792.5	747.5	-	0.847031
CoForest	540.0	1000.0	-	1
Rasco (NN)	1405.0	135.0	-	0
Rasco (C45)	1305.0	235.0	-	0.000007
Rasco (NB)	1067.0	473.0	-	0.012681
Rasco (SMO)	1230.5	309.5	-	0.000109
Co-Bagging (NN)	725.5	814.5	-	1
Co-Bagging (C45)	347.5	1137.5	-	1
Co-Bagging (NB)	937.0	603.0	-	0.160058
Co-Bagging (SMO)	824.0	716.0	-	0.647247
Rel-Rasco (NN)	1401.0	139.0	-	0
Rel-Rasco (C45)	1383.5	156.5	-	0
Rel-Rasco (NB)	1077.5	462.5	-	0.009786
Rel-Rasco (SMO)	1211.0	274.0	-	0.000053
CLCC	972.5	567.5	-	0.088972
APSSC	947.0	593.0	-	0.136964
SNNRCE	656.0	884.0	-	1
ADE-CoForest	778.0	707.0	-	0.756585

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)	[-0.0234 , 0.0195]	2
Self-Training (C45)	[-0.0147 , 0.0001]	2
Self-Training (NB)	[0.0163 , 0.05495]	2
Self-Training (SMO)	[-0.01235 , 0.024]	2
Co-Training (NN)	[-0.0152 , 0.02565]	2
Co-Training (NB)	[-0.00705 , 0.0313]	2
Co-Training (SMO)	[-0.0142 , 0.0158]	2
Democratic-Co	[-0.02805 , -0.00195]	2
SETRED	[-0.0309 , 0.0102]	2
TriTraining (NN)	[-0.0278 , 0.0095]	2
TriTraining (C45)	[-0.0244 , -0.0096]	2
TriTraining (NB)	[-0.0061 , 0.0328]	2
TriTraining (SMO)	[-0.0109 , 0.0191]	2
DE-TriTraining (NN)	[-0.0204 , 0.012]	2
DE-TriTraining (C45)	[-0.01285 , 0.0076]	2
DE-TriTraining (NB)	[0.00165 , 0.0348]	2
DE-TriTraining (SMO)	[-0.01285 , 0.0171]	2
CoForest	[-0.03525 , -0.00265]	2
Rasco (NN)	[0.0462 , 0.0898]	2
Rasco (C45)	[0.0188 , 0.05085]	2
Rasco (NB)	[0.0123 , 0.053]	2
Rasco (SMO)	[0.0289 , 0.07765]	2
Co-Bagging (NN)	[-0.02545 , 0.0143]	2
Co-Bagging (C45)	[-0.02115 , -0.0071]	2
Co-Bagging (NB)	[-0.0028 , 0.03465]	2
Co-Bagging (SMO)	[-0.0117 , 0.02065]	2
Rel-Rasco (NN)	[0.05535 , 0.0946]	2
Rel-Rasco (C45)	[0.02305 , 0.0497]	2
Rel-Rasco (NB)	[0.0124 , 0.0546]	2
Rel-Rasco (SMO)	[0.0307 , 0.0778]	2
CLCC	[0.00065 , 0.05355]	2
APSSC	[-0.0032 , 0.05305]	2
SNNRCE	[-0.02815 , 0.00805]	2
ADE-CoForest	[-0.0145 , 0.0225]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0283 , 0.02365]	2
Self-Training (C45)	[-0.01715 , 0.0007]	2
Self-Training (NB)	[0.0121 , 0.0607]	2
Self-Training (SMO)	[-0.0167 , 0.02755]	2
Co-Training (NN)	[-0.01925 , 0.0306]	2
Co-Training (NB)	[-0.01115 , 0.03595]	2
Co-Training (SMO)	[-0.0173 , 0.0186]	2
Democratic-Co	[-0.02975 , 0.00005]	2
SETRED	[-0.0351 , 0.01425]	2
TriTraining (NN)	[-0.031 , 0.0133]	2
TriTraining (C45)	[-0.0259 , -0.0082]	2
TriTraining (NB)	[-0.0106 , 0.03625]	2
TriTraining (SMO)	[-0.0148 , 0.02235]	2
DE-TriTraining (NN)	[-0.0231 , 0.0164]	2
DE-TriTraining (C45)	[-0.015 , 0.0103]	2
DE-TriTraining (NB)	[-0.00095 , 0.03795]	2
DE-TriTraining (SMO)	[-0.01645 , 0.02165]	2
CoForest	[-0.03805 , 0.0005]	2
Rasco (NN)	[0.0426 , 0.0944]	2
Rasco (C45)	[0.0164 , 0.0565]	2
Rasco (NB)	[0.0078 , 0.05765]	2
Rasco (SMO)	[0.02545 , 0.08425]	2
Co-Bagging (NN)	[-0.02885 , 0.01795]	2
Co-Bagging (C45)	[-0.02235 , -0.00585]	2
Co-Bagging (NB)	[-0.0062 , 0.03795]	2
Co-Bagging (SMO)	[-0.01425 , 0.02395]	2
Rel-Rasco (NN)	[0.04955 , 0.0982]	2
Rel-Rasco (C45)	[0.021 , 0.05435]	2
Rel-Rasco (NB)	[0.00935 , 0.0596]	2
Rel-Rasco (SMO)	[0.02715 , 0.0846]	2
CLCC	[-0.0032 , 0.06175]	2
APSSC	[-0.00875 , 0.06205]	2
SNNRCE	[-0.03235 , 0.01225]	2
ADE-CoForest	[-0.0184 , 0.0276]	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)	617.0	868.0	-	1
Self-Training (C45)	471.0	1069.0	-	1
Self-Training (NB)	1263.5	276.5	-	0.000034
Self-Training (SMO)	667.5	872.5	-	1
Co-Training (NN)	716.5	823.5	-	1
Co-Training (C45)	649.0	891.0	-	1
Co-Training (SMO)	607.0	878.0	-	1
Democratic-Co	307.5	1177.5	-	1
SETRED	546.0	939.0	-	1
TriTraining (NN)	560.0	925.0	-	1
TriTraining (C45)	421.0	1119.0	-	1
TriTraining (NB)	634.5	850.5	-	1
TriTraining (SMO)	677.0	863.0	-	1
DE-TriTraining (NN)	623.0	917.0	-	1
DE-TriTraining (C45)	582.0	958.0	-	1
DE-TriTraining (NB)	687.5	797.5	-	1
DE-TriTraining (SMO)	622.0	863.0	-	1
CoForest	517.0	1023.0	-	1
Rasco (NN)	1256.0	284.0	-	0.000046
Rasco (C45)	982.0	503.0	-	0.038786
Rasco (NB)	1024.5	515.5	-	0.032273
Rasco (SMO)	1072.0	468.0	-	0.01126
Co-Bagging (NN)	615.0	925.0	-	1
Co-Bagging (C45)	437.5	1102.5	-	1
Co-Bagging (NB)	955.5	529.5	-	0.065149
Co-Bagging (SMO)	721.5	818.5	-	1
Rel-Rasco (NN)	1271.5	268.5	-	0.000025
Rel-Rasco (C45)	1004.5	480.5	-	0.023659
Rel-Rasco (NB)	1058.0	427.0	-	0.006512
Rel-Rasco (SMO)	1054.0	486.0	-	0.01714
CLCC	859.0	626.0	-	0.313745
APSSC	823.5	716.5	-	0.650267
SNNRCE	536.5	1003.5	-	1
ADE-CoForest	632.0	853.0	-	1

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

7.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03415 , 0.0056]	2
Self-Training (C45)	[-0.0409 , -0.0101]	2
Self-Training (NB)	[0.01305 , 0.0281]	2
Self-Training (SMO)	[-0.0332 , 0.01105]	2
Co-Training (NN)	[-0.02255 , 0.0138]	2
Co-Training (C45)	[-0.0313 , 0.00705]	2
Co-Training (SMO)	[-0.0376 , 0.006]	2
Democratic-Co	[-0.0377 , -0.0132]	2
SETRED	[-0.0398 , -0.00065]	2
TriTraining (NN)	[-0.0384 , 0.0005]	2
TriTraining (C45)	[-0.04785 , -0.01575]	2
TriTraining (NB)	[-0.0046 , 0.00065]	2
TriTraining (SMO)	[-0.0312 , 0.01385]	2
DE-TriTraining (NN)	[-0.03195 , 0.00465]	2
DE-TriTraining (C45)	[-0.02975 , 0.00085]	2
DE-TriTraining (NB)	[-0.00825 , 0.00635]	2
DE-TriTraining (SMO)	[-0.02795 , 0.00575]	2
CoForest	[-0.05375 , -0.0089]	2
Rasco (NN)	[0.0354 , 0.0822]	2
Rasco (C45)	[0.0062 , 0.06]	2
Rasco (NB)	[0.00285 , 0.0306]	2
Rasco (SMO)	[0.0145 , 0.06915]	2
Co-Bagging (NN)	[-0.03315 , 0.0042]	2
Co-Bagging (C45)	[-0.04585 , -0.01265]	2
Co-Bagging (NB)	[0.0003 , 0.0108]	2
Co-Bagging (SMO)	[-0.02405 , 0.0169]	2
Rel-Rasco (NN)	[0.0356 , 0.08915]	2
Rel-Rasco (C45)	[0.00935 , 0.06285]	2
Rel-Rasco (NB)	[0.004 , 0.03075]	2
Rel-Rasco (SMO)	[0.01235 , 0.0709]	2
CLCC	[-0.00635 , 0.0258]	2
APSSC	[-0.0171 , 0.03605]	2
SNNRCE	[-0.0403 , -0.00375]	2
ADE-CoForest	[-0.02605 , 0.0073]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0389 , 0.01075]	2
Self-Training (C45)	[-0.04425 , -0.0062]	2
Self-Training (NB)	[0.012 , 0.0299]	2
Self-Training (SMO)	[-0.0378 , 0.01685]	2
Co-Training (NN)	[-0.02675 , 0.0184]	2
Co-Training (C45)	[-0.03595 , 0.01115]	2
Co-Training (SMO)	[-0.04185 , 0.0121]	2
Democratic-Co	[-0.04085 , -0.0115]	2
SETRED	[-0.04295 , 0.00245]	2
TriTraining (NN)	[-0.0425 , 0.0036]	2
TriTraining (C45)	[-0.05215 , -0.01275]	2
TriTraining (NB)	[-0.0052 , 0.0012]	2
TriTraining (SMO)	[-0.03565 , 0.0179]	2
DE-TriTraining (NN)	[-0.03545 , 0.00875]	2
DE-TriTraining (C45)	[-0.0334 , 0.00385]	2
DE-TriTraining (NB)	[-0.0091 , 0.00795]	2
DE-TriTraining (SMO)	[-0.03195 , 0.0093]	2
CoForest	[-0.0585 , -0.00265]	2
Rasco (NN)	[0.0318 , 0.08795]	2
Rasco (C45)	[0.00065 , 0.06475]	2
Rasco (NB)	[0.0009 , 0.034]	2
Rasco (SMO)	[0.00885 , 0.0748]	2
Co-Bagging (NN)	[-0.0375 , 0.0073]	2
Co-Bagging (C45)	[-0.04995 , -0.00935]	2
Co-Bagging (NB)	[-0.00035 , 0.01195]	2
Co-Bagging (SMO)	[-0.02915 , 0.02075]	2
Rel-Rasco (NN)	[0.03315 , 0.09615]	2
Rel-Rasco (C45)	[0.0044 , 0.0682]	2
Rel-Rasco (NB)	[0.003 , 0.0343]	2
Rel-Rasco (SMO)	[0.0063 , 0.0763]	2
CLCC	[-0.0092 , 0.0292]	2
APSSC	[-0.02245 , 0.0437]	2
SNNRCE	[-0.0445 , 0]	2
ADE-CoForest	[-0.02965 , 0.01145]	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)	845.0	695.0	-	0.527008
Self-Training (C45)	619.0	921.0	-	1
Self-Training (NB)	1046.0	494.0	-	0.020522
Self-Training (SMO)	969.0	571.0	-	0.093929
Co-Training (NN)	903.5	636.5	-	0.25855
Co-Training (C45)	743.5	796.5	-	1
Co-Training (NB)	878.0	607.0	-	0.241096
Democratic-Co	575.5	964.5	-	1
SETRED	725.0	760.0	-	1
TriTraining (NN)	716.0	824.0	-	1
TriTraining (C45)	522.0	1018.0	-	1
TriTraining (NB)	911.0	629.0	-	0.235794
TriTraining (SMO)	885.5	599.5	-	0.21563
DE-TriTraining (NN)	779.0	761.0	-	0.936558
DE-TriTraining (C45)	763.0	777.0	-	1
DE-TriTraining (NB)	947.0	593.0	-	0.136964
DE-TriTraining (SMO)	783.0	702.0	-	0.724074
CoForest	656.0	884.0	-	1
Rasco (NN)	1351.0	189.0	-	0.000001
Rasco (C45)	1096.0	444.0	-	0.006173
Rasco (NB)	1003.0	537.0	-	0.050419
Rasco (SMO)	1227.0	258.0	-	0.000029
Co-Bagging (NN)	814.5	725.5	-	0.705854
Co-Bagging (C45)	528.5	1011.5	-	1
Co-Bagging (NB)	914.0	626.0	-	0.22601
Co-Bagging (SMO)	890.0	595.0	-	0.202553
Rel-Rasco (NN)	1356.0	184.0	-	0.000001
Rel-Rasco (C45)	1146.0	394.0	-	0.001608
Rel-Rasco (NB)	987.0	498.0	-	0.034901
Rel-Rasco (SMO)	1280.0	260.0	-	0.000019
CLCC	958.0	582.0	-	0.114254
APSSC	978.5	561.5	-	0.079926
SNNRCE	703.0	782.0	-	1
ADE-CoForest	863.0	677.0	-	0.433396

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)	[-0.01135 , 0.01925]	2
Self-Training (C45)	[-0.0335 , 0.0047]	2
Self-Training (NB)	[0.0102 , 0.05835]	2
Self-Training (SMO)	[0.0001 , 0.01555]	2
Co-Training (NN)	[-0.0051 , 0.03095]	2
Co-Training (C45)	[-0.0158 , 0.0142]	2
Co-Training (NB)	[-0.006 , 0.0376]	2
Democratic-Co	[-0.0298 , 0]	2
SETRED	[-0.018 , 0.01205]	2
TriTraining (NN)	[-0.0188 , 0.01105]	2
TriTraining (C45)	[-0.03925 , -0.00535]	2
TriTraining (NB)	[-0.00685 , 0.0361]	2
TriTraining (SMO)	[-0.0007 , 0.01135]	2
DE-TriTraining (NN)	[-0.0168 , 0.01905]	2
DE-TriTraining (C45)	[-0.0158 , 0.01445]	2
DE-TriTraining (NB)	[-0.0019 , 0.03895]	2
DE-TriTraining (SMO)	[-0.0094 , 0.01335]	2
CoForest	[-0.029 , 0.00905]	2
Rasco (NN)	[0.04655 , 0.0918]	2
Rasco (C45)	[0.0159 , 0.0692]	2
Rasco (NB)	[0.0052 , 0.0582]	2
Rasco (SMO)	[0.0269 , 0.07065]	2
Co-Bagging (NN)	[-0.0157 , 0.0166]	2
Co-Bagging (C45)	[-0.03395 , -0.00385]	2
Co-Bagging (NB)	[-0.0062 , 0.039]	2
Co-Bagging (SMO)	[-0.0011 , 0.01235]	2
Rel-Rasco (NN)	[0.05245 , 0.0978]	2
Rel-Rasco (C45)	[0.0199 , 0.0686]	2
Rel-Rasco (NB)	[0.00635 , 0.05975]	2
Rel-Rasco (SMO)	[0.02475 , 0.07175]	2
CLCC	[-0.00065 , 0.0605]	2
APSSC	[0.0014 , 0.05205]	2
SNNRCE	[-0.0181 , 0.011]	2
ADE-CoForest	[-0.0096 , 0.0275]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0154 , 0.02215]	2
Self-Training (C45)	[-0.0377 , 0.008]	2
Self-Training (NB)	[0.00565 , 0.06435]	2
Self-Training (SMO)	[-0.00075 , 0.0168]	2
Co-Training (NN)	[-0.0097 , 0.03455]	2
Co-Training (C45)	[-0.0186 , 0.0173]	2
Co-Training (NB)	[-0.0121 , 0.04185]	2
Democratic-Co	[-0.0334 , 0.00325]	2
SETRED	[-0.02195 , 0.01515]	2
TriTraining (NN)	[-0.0225 , 0.0133]	2
TriTraining (C45)	[-0.0439 , -0.0013]	2
TriTraining (NB)	[-0.0113 , 0.04145]	2
TriTraining (SMO)	[-0.00175 , 0.0138]	2
DE-TriTraining (NN)	[-0.01965 , 0.02235]	2
DE-TriTraining (C45)	[-0.01975 , 0.0181]	2
DE-TriTraining (NB)	[-0.00475 , 0.0444]	2
DE-TriTraining (SMO)	[-0.01215 , 0.01615]	2
CoForest	[-0.03305 , 0.01185]	2
Rasco (NN)	[0.0423 , 0.0993]	2
Rasco (C45)	[0.01025 , 0.07345]	2
Rasco (NB)	[0.0001 , 0.0638]	2
Rasco (SMO)	[0.0225 , 0.07525]	2
Co-Bagging (NN)	[-0.01955 , 0.0196]	2
Co-Bagging (C45)	[-0.03745 , -0.0007]	2
Co-Bagging (NB)	[-0.01025 , 0.0445]	2
Co-Bagging (SMO)	[-0.0027 , 0.01525]	2
Rel-Rasco (NN)	[0.04825 , 0.10245]	2
Rel-Rasco (C45)	[0.0157 , 0.07495]	2
Rel-Rasco (NB)	[0.00205 , 0.0653]	2
Rel-Rasco (SMO)	[0.02095 , 0.077]	2
CLCC	[-0.00555 , 0.0688]	2
APSSC	[-0.00215 , 0.05765]	2
SNNRCE	[-0.02025 , 0.01345]	2
ADE-CoForest	[-0.01285 , 0.03305]	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)	1005.0	535.0	-	0.048479
Self-Training (C45)	813.0	727.0	-	0.714938
Self-Training (NB)	1392.0	148.0	-	0
Self-Training (SMO)	965.5	519.5	-	0.054047
Co-Training (NN)	1078.0	462.0	-	0.009592
Co-Training (C45)	968.5	516.5	-	0.050651
Co-Training (NB)	1177.5	307.5	-	0.000171
Co-Training (SMO)	964.5	575.5	-	0.102297
SETRED	909.0	631.0	-	0.241988
TriTraining (NN)	951.5	588.5	-	0.126887
TriTraining (C45)	684.5	855.5	-	1
TriTraining (NB)	1179.5	360.5	-	0.000584
TriTraining (SMO)	989.0	551.0	-	0.065619
DE-TriTraining (NN)	939.5	545.5	-	0.089034
DE-TriTraining (C45)	1095.5	444.5	-	0.006306
DE-TriTraining (NB)	1220.5	319.5	-	0.000155
DE-TriTraining (SMO)	998.5	486.5	-	0.026878
CoForest	736.0	804.0	-	1
Rasco (NN)	1475.0	65.0	-	0
Rasco (C45)	1309.0	231.0	-	0.000006
Rasco (NB)	1210.0	275.0	-	0.000056
Rasco (SMO)	1286.5	253.5	-	0.000015
Co-Bagging (NN)	998.5	541.5	-	0.05477
Co-Bagging (C45)	732.0	808.0	-	1
Co-Bagging (NB)	1206.0	334.0	-	0.000251
Co-Bagging (SMO)	1000.5	539.5	-	0.052936
Rel-Rasco (NN)	1450.0	35.0	-	0
Rel-Rasco (C45)	1338.0	202.0	-	0.000002
Rel-Rasco (NB)	1245.5	239.5	-	0.000014
Rel-Rasco (SMO)	1246.0	239.0	-	0.000014
CLCC	1154.0	331.0	-	0.000389
APSSC	1105.5	379.5	-	0.001729
SNNRCE	920.5	619.5	-	0.205339
ADE-CoForest	946.0	539.0	-	0.078361

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)	[0.00385 , 0.03135]	2
Self-Training (C45)	[-0.0074 , 0.01155]	2
Self-Training (NB)	[0.0342 , 0.0652]	2
Self-Training (SMO)	[0.00275 , 0.03405]	2
Co-Training (NN)	[0.0093 , 0.044]	2
Co-Training (C45)	[0.00195 , 0.02805]	2
Co-Training (NB)	[0.0132 , 0.0377]	2
Co-Training (SMO)	[0 , 0.0298]	2
SETRED	[-0.00315 , 0.0239]	2
TriTraining (NN)	[-0.0009 , 0.0247]	2
TriTraining (C45)	[-0.01295 , 0.0046]	2
TriTraining (NB)	[0.01375 , 0.03865]	2
TriTraining (SMO)	[0.00195 , 0.03525]	2
DE-TriTraining (NN)	[0.0004 , 0.02035]	2
DE-TriTraining (C45)	[0.0051 , 0.0214]	2
DE-TriTraining (NB)	[0.0182 , 0.0488]	2
DE-TriTraining (SMO)	[0.0036 , 0.0273]	2
CoForest	[-0.01525 , 0.01315]	2
Rasco (NN)	[0.06375 , 0.10935]	2
Rasco (C45)	[0.0319 , 0.07375]	2
Rasco (NB)	[0.02985 , 0.07265]	2
Rasco (SMO)	[0.0426 , 0.09885]	2
Co-Bagging (NN)	[0.0023 , 0.0248]	2
Co-Bagging (C45)	[-0.0107 , 0.00795]	2
Co-Bagging (NB)	[0.01825 , 0.0482]	2
Co-Bagging (SMO)	[0.00285 , 0.03335]	2
Rel-Rasco (NN)	[0.068 , 0.115]	2
Rel-Rasco (C45)	[0.03635 , 0.0755]	2
Rel-Rasco (NB)	[0.0345 , 0.071]	2
Rel-Rasco (SMO)	[0.044 , 0.09915]	2
CLCC	[0.01665 , 0.06645]	2
APSSC	[0.01705 , 0.06655]	2
SNNRCE	[-0.00295 , 0.0204]	2
ADE-CoForest	[0.00075 , 0.03115]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0001 , 0.03445]	2
Self-Training (C45)	[-0.00945 , 0.0141]	2
Self-Training (NB)	[0.0315 , 0.06815]	2
Self-Training (SMO)	[-0.00035 , 0.03795]	2
Co-Training (NN)	[0.00565 , 0.04935]	2
Co-Training (C45)	[-0.00005 , 0.02975]	2
Co-Training (NB)	[0.0115 , 0.04085]	2
Co-Training (SMO)	[-0.00325 , 0.0334]	2
SETRED	[-0.00635 , 0.0264]	2
TriTraining (NN)	[-0.0037 , 0.0269]	2
TriTraining (C45)	[-0.01535 , 0.00695]	2
TriTraining (NB)	[0.0113 , 0.0413]	2
TriTraining (SMO)	[-0.00095 , 0.0401]	2
DE-TriTraining (NN)	[-0.0016 , 0.0236]	2
DE-TriTraining (C45)	[0.00385 , 0.0237]	2
DE-TriTraining (NB)	[0.01535 , 0.0521]	2
DE-TriTraining (SMO)	[0.00175 , 0.0302]	2
CoForest	[-0.01845 , 0.01655]	2
Rasco (NN)	[0.06055 , 0.11555]	2
Rasco (C45)	[0.02795 , 0.0797]	2
Rasco (NB)	[0.02425 , 0.076]	2
Rasco (SMO)	[0.03945 , 0.1052]	2
Co-Bagging (NN)	[-0.0005 , 0.0274]	2
Co-Bagging (C45)	[-0.0131 , 0.01045]	2
Co-Bagging (NB)	[0.01515 , 0.05185]	2
Co-Bagging (SMO)	[-0.00025 , 0.037]	2
Rel-Rasco (NN)	[0.06405 , 0.1214]	2
Rel-Rasco (C45)	[0.03405 , 0.0814]	2
Rel-Rasco (NB)	[0.03145 , 0.0763]	2
Rel-Rasco (SMO)	[0.0378 , 0.1061]	2
CLCC	[0.01375 , 0.07665]	2
APSSC	[0.0128 , 0.0744]	2
SNNRCE	[-0.0051 , 0.02275]	2
ADE-CoForest	[-0.00115 , 0.03625]	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)	1147.5	337.5	-	0.00048
Self-Training (C45)	703.0	782.0	-	1
Self-Training (NB)	1087.0	453.0	-	0.00781
Self-Training (SMO)	857.0	628.0	-	0.321567
Co-Training (NN)	1077.5	407.5	-	0.003754
Co-Training (C45)	833.0	652.0	-	0.433316
Co-Training (NB)	939.0	546.0	-	0.089846
Co-Training (SMO)	760.0	725.0	-	0.876702
Democratic-Co	631.0	909.0	-	1
TriTraining (NN)	876.0	609.0	-	0.247576
TriTraining (C45)	612.5	927.5	-	1
TriTraining (NB)	947.0	593.0	-	0.136964
TriTraining (SMO)	806.0	734.0	-	0.759744
DE-TriTraining (NN)	829.0	656.0	-	0.45283
DE-TriTraining (C45)	776.0	764.0	-	0.956568
DE-TriTraining (NB)	953.0	587.0	-	0.12418
DE-TriTraining (SMO)	774.0	711.0	-	0.782911
CoForest	683.0	857.0	-	1
Rasco (NN)	1423.0	62.0	-	0
Rasco (C45)	1099.0	441.0	-	0.005767
Rasco (NB)	1059.0	481.0	-	0.015177
Rasco (SMO)	1120.0	365.0	-	0.001135
Co-Bagging (NN)	814.0	726.0	-	0.708973
Co-Bagging (C45)	656.0	884.0	-	1
Co-Bagging (NB)	969.5	570.5	-	0.093451
Co-Bagging (SMO)	771.0	769.0	-	0.989973
Rel-Rasco (NN)	1423.0	62.0	-	0
Rel-Rasco (C45)	1119.0	421.0	-	0.003408
Rel-Rasco (NB)	1057.0	483.0	-	0.016004
Rel-Rasco (SMO)	1136.5	348.5	-	0.000673
CLCC	1059.0	481.0	-	0.015284
APSSC	1095.0	390.0	-	0.002269
SNNRCE	779.5	760.5	-	0.933087
ADE-CoForest	855.0	685.0	-	0.472838

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)	[0.00165 , 0.00655]	2
Self-Training (C45)	[-0.02035 , 0.0138]	2
Self-Training (NB)	[0.0147 , 0.06575]	2
Self-Training (SMO)	[-0.0049 , 0.0275]	2
Co-Training (NN)	[0.0039 , 0.02195]	2
Co-Training (C45)	[-0.0102 , 0.0309]	2
Co-Training (NB)	[0.00065 , 0.0398]	2
Co-Training (SMO)	[-0.01205 , 0.018]	2
Democratic-Co	[-0.0239 , 0.00315]	2
TriTraining (NN)	[-0.0008 , 0.0076]	2
TriTraining (C45)	[-0.02785 , 0.0037]	2
TriTraining (NB)	[-0.00285 , 0.04165]	2
TriTraining (SMO)	[-0.0109 , 0.0245]	2
DE-TriTraining (NN)	[-0.0043 , 0.0141]	2
DE-TriTraining (C45)	[-0.01255 , 0.01455]	2
DE-TriTraining (NB)	[-0.0014 , 0.0467]	2
DE-TriTraining (SMO)	[-0.00885 , 0.01275]	2
CoForest	[-0.02065 , 0.00855]	2
Rasco (NN)	[0.04745 , 0.09205]	2
Rasco (C45)	[0.01945 , 0.07825]	2
Rasco (NB)	[0.01335 , 0.07425]	2
Rasco (SMO)	[0.02515 , 0.09335]	2
Co-Bagging (NN)	[-0.00485 , 0.009]	2
Co-Bagging (C45)	[-0.0263 , 0.0073]	2
Co-Bagging (NB)	[0.0005 , 0.04555]	2
Co-Bagging (SMO)	[-0.01305 , 0.023]	2
Rel-Rasco (NN)	[0.0491 , 0.10275]	2
Rel-Rasco (C45)	[0.0241 , 0.08265]	2
Rel-Rasco (NB)	[0.0101 , 0.07035]	2
Rel-Rasco (SMO)	[0.02875 , 0.09455]	2
CLCC	[0.01105 , 0.06305]	2
APSSC	[0.01305 , 0.05065]	2
SNNRCE	[-0.00415 , 0.00525]	2
ADE-CoForest	[-0.0059 , 0.0236]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[0.0011 , 0.00685]	2
Self-Training (C45)	[-0.02385 , 0.01655]	2
Self-Training (NB)	[0.0104 , 0.07055]	2
Self-Training (SMO)	[-0.0079 , 0.0321]	2
Co-Training (NN)	[0.0029 , 0.02425]	2
Co-Training (C45)	[-0.01425 , 0.0351]	2
Co-Training (NB)	[-0.00245 , 0.04295]	2
Co-Training (SMO)	[-0.01515 , 0.02195]	2
Democratic-Co	[-0.0264 , 0.00635]	2
TriTraining (NN)	[-0.00145 , 0.00845]	2
TriTraining (C45)	[-0.03275 , 0.00725]	2
TriTraining (NB)	[-0.0081 , 0.04695]	2
TriTraining (SMO)	[-0.0125 , 0.02965]	2
DE-TriTraining (NN)	[-0.00635 , 0.01625]	2
DE-TriTraining (C45)	[-0.01425 , 0.01745]	2
DE-TriTraining (NB)	[-0.0056 , 0.05085]	2
DE-TriTraining (SMO)	[-0.0106 , 0.01545]	2
CoForest	[-0.0233 , 0.0131]	2
Rasco (NN)	[0.0448 , 0.1005]	2
Rasco (C45)	[0.0139 , 0.08545]	2
Rasco (NB)	[0.00795 , 0.0794]	2
Rasco (SMO)	[0.0208 , 0.1002]	2
Co-Bagging (NN)	[-0.00625 , 0.01175]	2
Co-Bagging (C45)	[-0.02925 , 0.01055]	2
Co-Bagging (NB)	[-0.0035 , 0.05105]	2
Co-Bagging (SMO)	[-0.01495 , 0.0289]	2
Rel-Rasco (NN)	[0.0465 , 0.1077]	2
Rel-Rasco (C45)	[0.0192 , 0.09135]	2
Rel-Rasco (NB)	[0.00715 , 0.07855]	2
Rel-Rasco (SMO)	[0.023 , 0.101]	2
CLCC	[0.0057 , 0.0702]	2
APSSC	[0.01035 , 0.055]	2
SNNRCE	[-0.0051 , 0.0064]	2
ADE-CoForest	[-0.0078 , 0.02775]	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)	816.0	669.0	-	0.523128
Self-Training (C45)	698.5	841.5	-	1
Self-Training (NB)	1099.5	440.5	-	0.005593
Self-Training (SMO)	867.5	672.5	-	0.4111
Co-Training (NN)	988.5	551.5	-	0.066236
Co-Training (C45)	880.5	659.5	-	0.351857
Co-Training (NB)	925.0	560.0	-	0.115102
Co-Training (SMO)	824.0	716.0	-	0.647247
Democratic-Co	588.5	951.5	-	1
SETRED	609.0	876.0	-	1
TriTraining (C45)	595.0	945.0	-	1
TriTraining (NB)	936.0	604.0	-	0.163007
TriTraining (SMO)	826.0	714.0	-	0.635936
DE-TriTraining (NN)	755.5	784.5	-	1
DE-TriTraining (C45)	693.5	791.5	-	1
DE-TriTraining (NB)	959.0	581.0	-	0.11197
DE-TriTraining (SMO)	749.0	736.0	-	0.951888
CoForest	685.0	855.0	-	1
Rasco (NN)	1399.0	141.0	-	0
Rasco (C45)	1098.0	442.0	-	0.005917
Rasco (NB)	1074.0	466.0	-	0.010733
Rasco (SMO)	1159.0	381.0	-	0.001101
Co-Bagging (NN)	728.0	812.0	-	1
Co-Bagging (C45)	634.0	906.0	-	1
Co-Bagging (NB)	986.0	554.0	-	0.069685
Co-Bagging (SMO)	773.5	711.5	-	0.785996
Rel-Rasco (NN)	1407.0	133.0	-	0
Rel-Rasco (C45)	1134.0	406.0	-	0.002258
Rel-Rasco (NB)	1063.0	477.0	-	0.013928
Rel-Rasco (SMO)	1126.5	358.5	-	0.000919
CLCC	989.5	495.5	-	0.033087
APSSC	1083.5	401.5	-	0.003245
SNNRCE	714.5	770.5	-	1
ADE-CoForest	780.5	759.5	-	0.926568

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)	[-0.0033 , 0.0074]	2
Self-Training (C45)	[-0.02125 , 0.0111]	2
Self-Training (NB)	[0.01335 , 0.0637]	2
Self-Training (SMO)	[-0.0057 , 0.025]	2
Co-Training (NN)	[0.00085 , 0.0286]	2
Co-Training (C45)	[-0.0095 , 0.0278]	2
Co-Training (NB)	[-0.0005 , 0.0384]	2
Co-Training (SMO)	[-0.01105 , 0.0188]	2
Democratic-Co	[-0.0247 , 0.0009]	2
SETRED	[-0.0076 , 0.0008]	2
TriTraining (C45)	[-0.03 , 0.00265]	2
TriTraining (NB)	[-0.00265 , 0.03905]	2
TriTraining (SMO)	[-0.0089 , 0.02685]	2
DE-TriTraining (NN)	[-0.00815 , 0.00875]	2
DE-TriTraining (C45)	[-0.01395 , 0.01035]	2
DE-TriTraining (NB)	[-0.0009 , 0.0439]	2
DE-TriTraining (SMO)	[-0.0098 , 0.014]	2
CoForest	[-0.0218 , 0.008]	2
Rasco (NN)	[0.04725 , 0.098]	2
Rasco (C45)	[0.0187 , 0.079]	2
Rasco (NB)	[0.0145 , 0.07155]	2
Rasco (SMO)	[0.02325 , 0.09635]	2
Co-Bagging (NN)	[-0.0076 , 0.0064]	2
Co-Bagging (C45)	[-0.02645 , 0.0058]	2
Co-Bagging (NB)	[0.00195 , 0.0449]	2
Co-Bagging (SMO)	[-0.0115 , 0.023]	2
Rel-Rasco (NN)	[0.04865 , 0.10615]	2
Rel-Rasco (C45)	[0.02335 , 0.082]	2
Rel-Rasco (NB)	[0.01175 , 0.069]	2
Rel-Rasco (SMO)	[0.0267 , 0.0981]	2
CLCC	[0.00645 , 0.0618]	2
APSSC	[0.01245 , 0.05025]	2
SNNRCE	[-0.00665 , 0.004]	2
ADE-CoForest	[-0.01115 , 0.0196]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00395 , 0.00875]	2
Self-Training (C45)	[-0.0243 , 0.01445]	2
Self-Training (NB)	[0.00985 , 0.06985]	2
Self-Training (SMO)	[-0.00825 , 0.02905]	2
Co-Training (NN)	[-0.0006 , 0.0323]	2
Co-Training (C45)	[-0.0133 , 0.031]	2
Co-Training (NB)	[-0.0036 , 0.0425]	2
Co-Training (SMO)	[-0.0133 , 0.0225]	2
Democratic-Co	[-0.0269 , 0.0037]	2
SETRED	[-0.00845 , 0.00145]	2
TriTraining (C45)	[-0.03335 , 0.0066]	2
TriTraining (NB)	[-0.0072 , 0.04395]	2
TriTraining (SMO)	[-0.01125 , 0.03155]	2
DE-TriTraining (NN)	[-0.00935 , 0.011]	2
DE-TriTraining (C45)	[-0.016 , 0.0137]	2
DE-TriTraining (NB)	[-0.00405 , 0.0496]	2
DE-TriTraining (SMO)	[-0.01205 , 0.0167]	2
CoForest	[-0.0247 , 0.01145]	2
Rasco (NN)	[0.04355 , 0.10515]	2
Rasco (C45)	[0.01375 , 0.08615]	2
Rasco (NB)	[0.0094 , 0.0766]	2
Rasco (SMO)	[0.01845 , 0.10175]	2
Co-Bagging (NN)	[-0.0088 , 0.0085]	2
Co-Bagging (C45)	[-0.0298 , 0.0099]	2
Co-Bagging (NB)	[-0.0017 , 0.04875]	2
Co-Bagging (SMO)	[-0.0134 , 0.02715]	2
Rel-Rasco (NN)	[0.04525 , 0.1147]	2
Rel-Rasco (C45)	[0.0191 , 0.0888]	2
Rel-Rasco (NB)	[0.00735 , 0.0774]	2
Rel-Rasco (SMO)	[0.02165 , 0.1039]	2
CLCC	[0.0031 , 0.06905]	2
APSSC	[0.00935 , 0.0548]	2
SNNRCE	[-0.00755 , 0.0049]	2
ADE-CoForest	[-0.01285 , 0.0274]	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)	1002.0	538.0	-	0.051413
Self-Training (C45)	1054.0	431.0	-	0.007099
Self-Training (NB)	1276.0	264.0	-	0.000022
Self-Training (SMO)	1050.0	435.0	-	0.008003
Co-Training (NN)	1092.0	448.0	-	0.006891
Co-Training (C45)	1249.0	291.0	-	0.000058
Co-Training (NB)	1119.0	421.0	-	0.003375
Co-Training (SMO)	1018.0	522.0	-	0.037137
Democratic-Co	855.5	684.5	-	0.470253
SETRED	927.5	612.5	-	0.185105
TriTraining (NN)	945.0	595.0	-	0.14061
TriTraining (NB)	1102.0	438.0	-	0.005196
TriTraining (SMO)	1056.0	484.0	-	0.016262
DE-TriTraining (NN)	992.0	493.0	-	0.031172
DE-TriTraining (C45)	1124.5	360.5	-	0.000917
DE-TriTraining (NB)	1201.0	339.0	-	0.0003
DE-TriTraining (SMO)	1047.0	438.0	-	0.008637
CoForest	728.5	811.5	-	1
Rasco (NN)	1510.0	30.0	-	0
Rasco (C45)	1479.0	61.0	-	0
Rasco (NB)	1233.5	306.5	-	0.0001
Rasco (SMO)	1333.0	152.0	-	0
Co-Bagging (NN)	1002.0	538.0	-	0.051413
Co-Bagging (C45)	911.0	574.0	-	0.144334
Co-Bagging (NB)	1148.0	392.0	-	0.001518
Co-Bagging (SMO)	1017.5	467.5	-	0.017565
Rel-Rasco (NN)	1513.0	27.0	-	0
Rel-Rasco (C45)	1510.0	30.0	-	0
Rel-Rasco (NB)	1193.0	292.0	-	0.000103
Rel-Rasco (SMO)	1346.0	139.0	-	0
CLCC	1124.0	361.0	-	0.001005
APSSC	1130.0	410.0	-	0.002524
SNNRCE	913.5	626.5	-	0.227133
ADE-CoForest	1012.5	472.5	-	0.019723

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)	[0.0059 , 0.03595]	2
Self-Training (C45)	[0.00315 , 0.0134]	2
Self-Training (NB)	[0.03465 , 0.07]	2
Self-Training (SMO)	[0.01475 , 0.04235]	2
Co-Training (NN)	[0.01195 , 0.0461]	2
Co-Training (C45)	[0.0096 , 0.0244]	2
Co-Training (NB)	[0.01575 , 0.04785]	2
Co-Training (SMO)	[0.00535 , 0.03925]	2
Democratic-Co	[-0.0046 , 0.01295]	2
SETRED	[-0.0037 , 0.02785]	2
TriTraining (NN)	[-0.00265 , 0.03]	2
TriTraining (NB)	[0.0134 , 0.0495]	2
TriTraining (SMO)	[0.00915 , 0.04205]	2
DE-TriTraining (NN)	[0.0049 , 0.03405]	2
DE-TriTraining (C45)	[0.00835 , 0.0283]	2
DE-TriTraining (NB)	[0.0244 , 0.05875]	2
DE-TriTraining (SMO)	[0.0092 , 0.0401]	2
CoForest	[-0.0146 , 0.0101]	2
Rasco (NN)	[0.0725 , 0.10625]	2
Rasco (C45)	[0.03945 , 0.07965]	2
Rasco (NB)	[0.0298 , 0.07355]	2
Rasco (SMO)	[0.0506 , 0.09755]	2
Co-Bagging (NN)	[0.00325 , 0.03065]	2
Co-Bagging (C45)	[-0.00025 , 0.0045]	2
Co-Bagging (NB)	[0.01705 , 0.0501]	2
Co-Bagging (SMO)	[0.00785 , 0.04265]	2
Rel-Rasco (NN)	[0.0778 , 0.11295]	2
Rel-Rasco (C45)	[0.04455 , 0.07605]	2
Rel-Rasco (NB)	[0.0322 , 0.0746]	2
Rel-Rasco (SMO)	[0.05225 , 0.0984]	2
CLCC	[0.02195 , 0.07475]	2
APSSC	[0.02 , 0.0715]	2
SNNRCE	[-0.00495 , 0.0272]	2
ADE-CoForest	[0.00645 , 0.0427]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00005 , 0.04055]	2
Self-Training (C45)	[0.0019 , 0.01455]	2
Self-Training (NB)	[0.03095 , 0.0751]	2
Self-Training (SMO)	[0.0116 , 0.04615]	2
Co-Training (NN)	[0.00825 , 0.0509]	2
Co-Training (C45)	[0.0082 , 0.0259]	2
Co-Training (NB)	[0.01275 , 0.05215]	2
Co-Training (SMO)	[0.0013 , 0.0439]	2
Democratic-Co	[-0.00695 , 0.01535]	2
SETRED	[-0.00725 , 0.03275]	2
TriTraining (NN)	[-0.0066 , 0.03335]	2
TriTraining (NB)	[0.0104 , 0.05325]	2
TriTraining (SMO)	[0.00505 , 0.04535]	2
DE-TriTraining (NN)	[0.0019 , 0.03755]	2
DE-TriTraining (C45)	[0.0069 , 0.0308]	2
DE-TriTraining (NB)	[0.02115 , 0.0615]	2
DE-TriTraining (SMO)	[0.0057 , 0.0443]	2
CoForest	[-0.01595 , 0.014]	2
Rasco (NN)	[0.0692 , 0.1095]	2
Rasco (C45)	[0.03645 , 0.08445]	2
Rasco (NB)	[0.02565 , 0.07765]	2
Rasco (SMO)	[0.0473 , 0.10335]	2
Co-Bagging (NN)	[-0.00005 , 0.0344]	2
Co-Bagging (C45)	[-0.00065 , 0.00535]	2
Co-Bagging (NB)	[0.01465 , 0.05405]	2
Co-Bagging (SMO)	[0.0044 , 0.04605]	2
Rel-Rasco (NN)	[0.07385 , 0.11715]	2
Rel-Rasco (C45)	[0.0403 , 0.0809]	2
Rel-Rasco (NB)	[0.02725 , 0.0803]	2
Rel-Rasco (SMO)	[0.04935 , 0.1032]	2
CLCC	[0.0181 , 0.08205]	2
APSSC	[0.0164 , 0.07565]	2
SNNRCE	[-0.00775 , 0.031]	2
ADE-CoForest	[0.0035 , 0.0478]	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)	650.5	889.5	-	1
Self-Training (C45)	489.0	1051.0	-	1
Self-Training (NB)	1222.5	262.5	-	0.000028
Self-Training (SMO)	674.0	866.0	-	1
Co-Training (NN)	705.0	835.0	-	1
Co-Training (C45)	636.0	904.0	-	1
Co-Training (NB)	850.5	634.5	-	0.348638
Co-Training (SMO)	629.0	911.0	-	1
Democratic-Co	360.5	1179.5	-	1
SETRED	593.0	947.0	-	1
TriTraining (NN)	604.0	936.0	-	1
TriTraining (C45)	438.0	1102.0	-	1
TriTraining (SMO)	676.0	864.0	-	1
DE-TriTraining (NN)	630.0	910.0	-	1
DE-TriTraining (C45)	615.0	925.0	-	1
DE-TriTraining (NB)	792.5	747.5	-	0.847031
DE-TriTraining (SMO)	624.0	861.0	-	1
CoForest	487.0	998.0	-	1
Rasco (NN)	1256.5	283.5	-	0.000044
Rasco (C45)	989.5	495.5	-	0.032898
Rasco (NB)	1076.5	463.5	-	0.009949
Rasco (SMO)	1065.0	475.0	-	0.013292
Co-Bagging (NN)	631.0	909.0	-	1
Co-Bagging (C45)	459.0	1081.0	-	1
Co-Bagging (NB)	1149.5	390.5	-	0.001387
Co-Bagging (SMO)	725.0	815.0	-	1
Rel-Rasco (NN)	1284.0	256.0	-	0.000016
Rel-Rasco (C45)	1052.5	487.5	-	0.017734
Rel-Rasco (NB)	1107.5	432.5	-	0.004499
Rel-Rasco (SMO)	1043.0	497.0	-	0.021933
CLCC	884.0	656.0	-	0.336879
APSSC	822.0	718.0	-	0.660029
SNNRCE	579.0	961.0	-	1
ADE-CoForest	662.0	878.0	-	1

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

13.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0371 , 0.0098]	2
Self-Training (C45)	[-0.0428 , -0.00865]	2
Self-Training (NB)	[0.01185 , 0.0241]	2
Self-Training (SMO)	[-0.03355 , 0.0105]	2
Co-Training (NN)	[-0.02825 , 0.01685]	2
Co-Training (C45)	[-0.0328 , 0.0061]	2
Co-Training (NB)	[-0.00065 , 0.0046]	2
Co-Training (SMO)	[-0.0361 , 0.00685]	2
Democratic-Co	[-0.03865 , -0.01375]	2
SETRED	[-0.04165 , 0.00285]	2
TriTraining (NN)	[-0.03905 , 0.00265]	2
TriTraining (C45)	[-0.0495 , -0.0134]	2
TriTraining (SMO)	[-0.03205 , 0.0137]	2
DE-TriTraining (NN)	[-0.0348 , 0.0065]	2
DE-TriTraining (C45)	[-0.03065 , 0.00325]	2
DE-TriTraining (NB)	[-0.00595 , 0.00965]	2
DE-TriTraining (SMO)	[-0.0318 , 0.0086]	2
CoForest	[-0.0524 , -0.008]	2
Rasco (NN)	[0.0378 , 0.0854]	2
Rasco (C45)	[0.00615 , 0.0552]	2
Rasco (NB)	[0.00475 , 0.02965]	2
Rasco (SMO)	[0.01395 , 0.0691]	2
Co-Bagging (NN)	[-0.03495 , 0.005]	2
Co-Bagging (C45)	[-0.0462 , -0.0117]	2
Co-Bagging (NB)	[0.00415 , 0.01215]	2
Co-Bagging (SMO)	[-0.0237 , 0.0155]	2
Rel-Rasco (NN)	[0.04085 , 0.08985]	2
Rel-Rasco (C45)	[0.0099 , 0.0591]	2
Rel-Rasco (NB)	[0.0034 , 0.0247]	2
Rel-Rasco (SMO)	[0.01015 , 0.07135]	2
CLCC	[-0.00835 , 0.0292]	2
APSSC	[-0.0181 , 0.03955]	2
SNNRCE	[-0.0413 , 0.00045]	2
ADE-CoForest	[-0.0287 , 0.00865]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04175 , 0.01375]	2
Self-Training (C45)	[-0.0461 , -0.00535]	2
Self-Training (NB)	[0.01015 , 0.0255]	2
Self-Training (SMO)	[-0.03635 , 0.0152]	2
Co-Training (NN)	[-0.0327 , 0.022]	2
Co-Training (C45)	[-0.03625 , 0.0106]	2
Co-Training (NB)	[-0.0012 , 0.0052]	2
Co-Training (SMO)	[-0.04145 , 0.0113]	2
Democratic-Co	[-0.0413 , -0.0113]	2
SETRED	[-0.04695 , 0.0081]	2
TriTraining (NN)	[-0.04395 , 0.0072]	2
TriTraining (C45)	[-0.05325 , -0.0104]	2
TriTraining (SMO)	[-0.0371 , 0.01915]	2
DE-TriTraining (NN)	[-0.0392 , 0.01115]	2
DE-TriTraining (C45)	[-0.03385 , 0.00715]	2
DE-TriTraining (NB)	[-0.00755 , 0.01185]	2
DE-TriTraining (SMO)	[-0.0361 , 0.0124]	2
CoForest	[-0.0564 , -0.0032]	2
Rasco (NN)	[0.03295 , 0.09115]	2
Rasco (C45)	[0.00225 , 0.06165]	2
Rasco (NB)	[0.00315 , 0.0321]	2
Rasco (SMO)	[0.0084 , 0.076]	2
Co-Bagging (NN)	[-0.0391 , 0.01005]	2
Co-Bagging (C45)	[-0.0498 , -0.00765]	2
Co-Bagging (NB)	[0.003 , 0.0131]	2
Co-Bagging (SMO)	[-0.02695 , 0.02065]	2
Rel-Rasco (NN)	[0.03685 , 0.09675]	2
Rel-Rasco (C45)	[0.00615 , 0.0654]	2
Rel-Rasco (NB)	[0.0023 , 0.03245]	2
Rel-Rasco (SMO)	[0.0052 , 0.0766]	2
CLCC	[-0.0117 , 0.0326]	2
APSSC	[-0.02355 , 0.0489]	2
SNNRCE	[-0.0462 , 0.0045]	2
ADE-CoForest	[-0.0325 , 0.01395]	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)	809.0	731.0	-	0.74068
Self-Training (C45)	555.0	930.0	-	1
Self-Training (NB)	1013.0	527.0	-	0.041333
Self-Training (SMO)	922.5	617.5	-	0.1994
Co-Training (NN)	850.0	690.0	-	0.500011
Co-Training (C45)	709.0	776.0	-	1
Co-Training (NB)	863.0	677.0	-	0.433396
Co-Training (SMO)	599.5	885.5	-	1
Democratic-Co	551.0	989.0	-	1
SETRED	734.0	806.0	-	1
TriTraining (NN)	714.0	826.0	-	1
TriTraining (C45)	484.0	1056.0	-	1
TriTraining (NB)	864.0	676.0	-	0.428009
DE-TriTraining (NN)	747.0	738.0	-	0.965624
DE-TriTraining (C45)	682.0	803.0	-	1
DE-TriTraining (NB)	889.0	651.0	-	0.316712
DE-TriTraining (SMO)	784.5	755.5	-	0.899987
CoForest	605.0	935.0	-	1
Rasco (NN)	1322.0	218.0	-	0.000004
Rasco (C45)	1088.0	452.0	-	0.007491
Rasco (NB)	971.0	569.0	-	0.091019
Rasco (SMO)	1223.0	262.0	-	0.000035
Co-Bagging (NN)	782.0	758.0	-	0.916501
Co-Bagging (C45)	469.0	1016.0	-	1
Co-Bagging (NB)	863.0	677.0	-	0.433396
Co-Bagging (SMO)	759.0	781.0	-	1
Rel-Rasco (NN)	1336.0	204.0	-	0.000002
Rel-Rasco (C45)	1143.0	397.0	-	0.001752
Rel-Rasco (NB)	980.0	560.0	-	0.077785
Rel-Rasco (SMO)	1238.0	302.0	-	0.000084
CLCC	893.0	592.0	-	0.191633
APSSC	918.0	622.0	-	0.213421
SNNRCE	677.5	807.5	-	1
ADE-CoForest	837.5	702.5	-	0.568853

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)	[-0.0194 , 0.01755]	2
Self-Training (C45)	[-0.0348 , 0.00045]	2
Self-Training (NB)	[0.006 , 0.0529]	2
Self-Training (SMO)	[-0.0009 , 0.0085]	2
Co-Training (NN)	[-0.01365 , 0.02305]	2
Co-Training (C45)	[-0.0191 , 0.0109]	2
Co-Training (NB)	[-0.01385 , 0.0312]	2
Co-Training (SMO)	[-0.01135 , 0.0007]	2
Democratic-Co	[-0.03525 , -0.00195]	2
SETRED	[-0.0245 , 0.0109]	2
TriTraining (NN)	[-0.02685 , 0.0089]	2
TriTraining (C45)	[-0.04205 , -0.00915]	2
TriTraining (NB)	[-0.0137 , 0.03205]	2
DE-TriTraining (NN)	[-0.0158 , 0.0167]	2
DE-TriTraining (C45)	[-0.021 , 0.01305]	2
DE-TriTraining (NB)	[-0.00685 , 0.0333]	2
DE-TriTraining (SMO)	[-0.0116 , 0.01155]	2
CoForest	[-0.0351 , 0.00315]	2
Rasco (NN)	[0.04715 , 0.0896]	2
Rasco (C45)	[0.01695 , 0.0655]	2
Rasco (NB)	[0.00105 , 0.05265]	2
Rasco (SMO)	[0.02055 , 0.05985]	2
Co-Bagging (NN)	[-0.01455 , 0.0142]	2
Co-Bagging (C45)	[-0.0342 , -0.00635]	2
Co-Bagging (NB)	[-0.01045 , 0.03405]	2
Co-Bagging (SMO)	[-0.0057 , 0.0044]	2
Rel-Rasco (NN)	[0.0498 , 0.09305]	2
Rel-Rasco (C45)	[0.02095 , 0.06775]	2
Rel-Rasco (NB)	[0.0022 , 0.05555]	2
Rel-Rasco (SMO)	[0.02025 , 0.06205]	2
CLCC	[-0.00485 , 0.0511]	2
APSSC	[-0.0059 , 0.05015]	2
SNNRCE	[-0.0211 , 0.0081]	2
ADE-CoForest	[-0.01085 , 0.0225]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02335 , 0.0199]	2
Self-Training (C45)	[-0.03845 , 0.00355]	2
Self-Training (NB)	[0.001 , 0.05755]	2
Self-Training (SMO)	[-0.0023 , 0.01025]	2
Co-Training (NN)	[-0.01775 , 0.0259]	2
Co-Training (C45)	[-0.02235 , 0.0148]	2
Co-Training (NB)	[-0.0179 , 0.03565]	2
Co-Training (SMO)	[-0.0138 , 0.00175]	2
Democratic-Co	[-0.0401 , 0.00095]	2
SETRED	[-0.02965 , 0.0125]	2
TriTraining (NN)	[-0.03155 , 0.01125]	2
TriTraining (C45)	[-0.04535 , -0.00505]	2
TriTraining (NB)	[-0.01915 , 0.0371]	2
DE-TriTraining (NN)	[-0.0196 , 0.0205]	2
DE-TriTraining (C45)	[-0.0251 , 0.017]	2
DE-TriTraining (NB)	[-0.01035 , 0.03835]	2
DE-TriTraining (SMO)	[-0.0141 , 0.01365]	2
CoForest	[-0.0388 , 0.0073]	2
Rasco (NN)	[0.0425 , 0.09515]	2
Rasco (C45)	[0.01235 , 0.07025]	2
Rasco (NB)	[-0.00335 , 0.05735]	2
Rasco (SMO)	[0.0183 , 0.06435]	2
Co-Bagging (NN)	[-0.0184 , 0.0162]	2
Co-Bagging (C45)	[-0.03795 , -0.0041]	2
Co-Bagging (NB)	[-0.0162 , 0.038]	2
Co-Bagging (SMO)	[-0.0065 , 0.00605]	2
Rel-Rasco (NN)	[0.04575 , 0.09995]	2
Rel-Rasco (C45)	[0.0165 , 0.072]	2
Rel-Rasco (NB)	[-0.0038 , 0.05965]	2
Rel-Rasco (SMO)	[0.01745 , 0.0675]	2
CLCC	[-0.01045 , 0.061]	2
APSSC	[-0.0137 , 0.0565]	2
SNNRCE	[-0.02465 , 0.0104]	2
ADE-CoForest	[-0.0139 , 0.027]	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)	841.0	699.0	-	0.54871
Self-Training (C45)	602.0	883.0	-	1
Self-Training (NB)	1056.0	484.0	-	0.016375
Self-Training (SMO)	836.0	649.0	-	0.418308
Co-Training (NN)	930.5	609.5	-	0.1769
Co-Training (C45)	782.0	703.0	-	0.73026
Co-Training (NB)	917.0	623.0	-	0.21652
Co-Training (SMO)	761.0	779.0	-	1
Democratic-Co	545.5	939.5	-	1
SETRED	656.0	829.0	-	1
TriTraining (NN)	784.5	755.5	-	0.899882
TriTraining (C45)	493.0	992.0	-	1
TriTraining (NB)	910.0	630.0	-	0.239121
TriTraining (SMO)	738.0	747.0	-	1
DE-TriTraining (C45)	804.5	735.5	-	0.768861
DE-TriTraining (NB)	926.0	559.0	-	0.11313
DE-TriTraining (SMO)	698.5	786.5	-	1
CoForest	657.0	883.0	-	1
Rasco (NN)	1413.0	127.0	-	0
Rasco (C45)	1132.0	408.0	-	0.002388
Rasco (NB)	1022.0	518.0	-	0.03438
Rasco (SMO)	1133.0	352.0	-	0.000761
Co-Bagging (NN)	609.0	876.0	-	1
Co-Bagging (C45)	540.0	945.0	-	1
Co-Bagging (NB)	917.0	623.0	-	0.21652
Co-Bagging (SMO)	790.5	694.5	-	0.675914
Rel-Rasco (NN)	1406.5	133.5	-	0
Rel-Rasco (C45)	1161.0	379.0	-	0.001037
Rel-Rasco (NB)	1035.0	505.0	-	0.026115
Rel-Rasco (SMO)	1128.0	357.0	-	0.000889
CLCC	1013.0	472.0	-	0.019629
APSSC	1027.0	513.0	-	0.030269
SNNRCE	703.0	837.0	-	1
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)	[-0.00635 , 0.0129]	2
Self-Training (C45)	[-0.0228 , 0.0025]	2
Self-Training (NB)	[0.01135 , 0.05245]	2
Self-Training (SMO)	[-0.00885 , 0.02235]	2
Co-Training (NN)	[-0.0019 , 0.016]	2
Co-Training (C45)	[-0.012 , 0.0204]	2
Co-Training (NB)	[-0.00465 , 0.03195]	2
Co-Training (SMO)	[-0.01905 , 0.0168]	2
Democratic-Co	[-0.02035 , -0.0004]	2
SETRED	[-0.0141 , 0.0043]	2
TriTraining (NN)	[-0.00875 , 0.00815]	2
TriTraining (C45)	[-0.03405 , -0.0049]	2
TriTraining (NB)	[-0.0065 , 0.0348]	2
TriTraining (SMO)	[-0.0167 , 0.0158]	2
DE-TriTraining (C45)	[-0.006 , 0.0074]	2
DE-TriTraining (NB)	[-0.0007 , 0.0327]	2
DE-TriTraining (SMO)	[-0.00675 , 0.00435]	2
CoForest	[-0.02215 , 0.0059]	2
Rasco (NN)	[0.0451 , 0.07875]	2
Rasco (C45)	[0.02035 , 0.0613]	2
Rasco (NB)	[0.0065 , 0.05165]	2
Rasco (SMO)	[0.02515 , 0.0745]	2
Co-Bagging (NN)	[-0.0116 , 0.00185]	2
Co-Bagging (C45)	[-0.0331 , -0.0012]	2
Co-Bagging (NB)	[-0.00535 , 0.0384]	2
Co-Bagging (SMO)	[-0.01295 , 0.0209]	2
Rel-Rasco (NN)	[0.0464 , 0.0854]	2
Rel-Rasco (C45)	[0.0266 , 0.0652]	2
Rel-Rasco (NB)	[0.0068 , 0.05155]	2
Rel-Rasco (SMO)	[0.02495 , 0.07975]	2
CLCC	[0.00455 , 0.03845]	2
APSSC	[0.00555 , 0.04015]	2
SNNRCE	[-0.01085 , 0.0044]	2
ADE-CoForest	[-0.0047 , 0.00915]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0088 , 0.0143]	2
Self-Training (C45)	[-0.02735 , 0.00465]	2
Self-Training (NB)	[0.00615 , 0.0585]	2
Self-Training (SMO)	[-0.0117 , 0.0265]	2
Co-Training (NN)	[-0.0039 , 0.01805]	2
Co-Training (C45)	[-0.0164 , 0.0231]	2
Co-Training (NB)	[-0.00875 , 0.03545]	2
Co-Training (SMO)	[-0.02235 , 0.01965]	2
Democratic-Co	[-0.0236 , 0.0016]	2
SETRED	[-0.01625 , 0.00635]	2
TriTraining (NN)	[-0.011 , 0.00935]	2
TriTraining (C45)	[-0.03755 , -0.0019]	2
TriTraining (NB)	[-0.01115 , 0.0392]	2
TriTraining (SMO)	[-0.0205 , 0.0196]	2
DE-TriTraining (C45)	[-0.0082 , 0.00875]	2
DE-TriTraining (NB)	[-0.0042 , 0.0359]	2
DE-TriTraining (SMO)	[-0.0081 , 0.0051]	2
CoForest	[-0.0253 , 0.0092]	2
Rasco (NN)	[0.04255 , 0.0828]	2
Rasco (C45)	[0.0166 , 0.0654]	2
Rasco (NB)	[0.0028 , 0.0563]	2
Rasco (SMO)	[0.02085 , 0.08125]	2
Co-Bagging (NN)	[-0.0129 , 0.0032]	2
Co-Bagging (C45)	[-0.03705 , 0.00245]	2
Co-Bagging (NB)	[-0.0095 , 0.04265]	2
Co-Bagging (SMO)	[-0.0163 , 0.02545]	2
Rel-Rasco (NN)	[0.0435 , 0.08965]	2
Rel-Rasco (C45)	[0.0217 , 0.0694]	2
Rel-Rasco (NB)	[0.003 , 0.0559]	2
Rel-Rasco (SMO)	[0.02015 , 0.08635]	2
CLCC	[0.0027 , 0.04345]	2
APSSC	[0.00175 , 0.04395]	2
SNNRCE	[-0.01275 , 0.00575]	2
ADE-CoForest	[-0.00575 , 0.01085]	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)	898.5	641.5	-	0.279268
Self-Training (C45)	511.5	973.5	-	1
Self-Training (NB)	1124.0	416.0	-	0.002946
Self-Training (SMO)	807.5	677.5	-	0.572362
Co-Training (NN)	938.0	602.0	-	0.158013
Co-Training (C45)	794.0	691.0	-	0.654347
Co-Training (NB)	958.0	582.0	-	0.114254
Co-Training (SMO)	777.0	763.0	-	0.94979
Democratic-Co	444.5	1095.5	-	1
SETRED	764.0	776.0	-	1
TriTraining (NN)	791.5	693.5	-	0.669623
TriTraining (C45)	360.5	1124.5	-	1
TriTraining (NB)	925.0	615.0	-	0.192621
TriTraining (SMO)	803.0	682.0	-	0.599428
DE-TriTraining (NN)	735.5	804.5	-	1
DE-TriTraining (NB)	1016.0	524.0	-	0.038485
DE-TriTraining (SMO)	844.5	640.5	-	0.376453
CoForest	568.0	972.0	-	1
Rasco (NN)	1435.0	105.0	-	0
Rasco (C45)	1224.0	316.0	-	0.00014
Rasco (NB)	1059.5	480.5	-	0.015002
Rasco (SMO)	1154.0	331.0	-	0.000389
Co-Bagging (NN)	812.0	728.0	-	0.721495
Co-Bagging (C45)	429.0	1056.0	-	1
Co-Bagging (NB)	949.0	591.0	-	0.132594
Co-Bagging (SMO)	846.0	639.0	-	0.37054
Rel-Rasco (NN)	1407.0	133.0	-	0
Rel-Rasco (C45)	1279.0	261.0	-	0.000019
Rel-Rasco (NB)	1033.0	452.0	-	0.012132
Rel-Rasco (SMO)	1145.0	340.0	-	0.000521
CLCC	1033.5	506.5	-	0.026811
APSSC	1020.0	520.0	-	0.035639
SNNRCE	782.0	758.0	-	0.916589
ADE-CoForest	711.0	774.0	-	1

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)	[-0.0046 , 0.0216]	2
Self-Training (C45)	[-0.0201 , -0.00175]	2
Self-Training (NB)	[0.01555 , 0.0497]	2
Self-Training (SMO)	[-0.0101 , 0.0223]	2
Co-Training (NN)	[-0.00195 , 0.0286]	2
Co-Training (C45)	[-0.0076 , 0.01285]	2
Co-Training (NB)	[-0.00085 , 0.02975]	2
Co-Training (SMO)	[-0.01445 , 0.0158]	2
Democratic-Co	[-0.0214 , -0.0051]	2
SETRED	[-0.01455 , 0.01255]	2
TriTraining (NN)	[-0.01035 , 0.01395]	2
TriTraining (C45)	[-0.0283 , -0.00835]	2
TriTraining (NB)	[-0.00325 , 0.03065]	2
TriTraining (SMO)	[-0.01305 , 0.021]	2
DE-TriTraining (NN)	[-0.0074 , 0.006]	2
DE-TriTraining (NB)	[0.0028 , 0.02935]	2
DE-TriTraining (SMO)	[-0.00405 , 0.01115]	2
CoForest	[-0.03155 , -0.0009]	2
Rasco (NN)	[0.04485 , 0.07925]	2
Rasco (C45)	[0.01765 , 0.05035]	2
Rasco (NB)	[0.00995 , 0.0532]	2
Rasco (SMO)	[0.02635 , 0.07785]	2
Co-Bagging (NN)	[-0.01145 , 0.01205]	2
Co-Bagging (C45)	[-0.0272 , -0.00765]	2
Co-Bagging (NB)	[-0.00155 , 0.0338]	2
Co-Bagging (SMO)	[-0.0076 , 0.02455]	2
Rel-Rasco (NN)	[0.04845 , 0.08585]	2
Rel-Rasco (C45)	[0.02285 , 0.0507]	2
Rel-Rasco (NB)	[0.0104 , 0.05295]	2
Rel-Rasco (SMO)	[0.02585 , 0.08165]	2
CLCC	[0.0057 , 0.04025]	2
APSSC	[0.006 , 0.0496]	2
SNNRCE	[-0.0105 , 0.0143]	2
ADE-CoForest	[-0.0082 , 0.0075]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00915 , 0.02375]	2
Self-Training (C45)	[-0.02255 , -0.00015]	2
Self-Training (NB)	[0.0114 , 0.05325]	2
Self-Training (SMO)	[-0.0134 , 0.02635]	2
Co-Training (NN)	[-0.00555 , 0.0329]	2
Co-Training (C45)	[-0.0103 , 0.015]	2
Co-Training (NB)	[-0.00385 , 0.0334]	2
Co-Training (SMO)	[-0.0181 , 0.01975]	2
Democratic-Co	[-0.0237 , -0.00385]	2
SETRED	[-0.01745 , 0.01425]	2
TriTraining (NN)	[-0.0137 , 0.016]	2
TriTraining (C45)	[-0.0308 , -0.0069]	2
TriTraining (NB)	[-0.00715 , 0.03385]	2
TriTraining (SMO)	[-0.017 , 0.0251]	2
DE-TriTraining (NN)	[-0.00875 , 0.0082]	2
DE-TriTraining (NB)	[0.00035 , 0.0318]	2
DE-TriTraining (SMO)	[-0.0057 , 0.01315]	2
CoForest	[-0.03405 , 0.0029]	2
Rasco (NN)	[0.04195 , 0.0835]	2
Rasco (C45)	[0.01505 , 0.05435]	2
Rasco (NB)	[0.00625 , 0.0583]	2
Rasco (SMO)	[0.02155 , 0.0833]	2
Co-Bagging (NN)	[-0.01375 , 0.014]	2
Co-Bagging (C45)	[-0.0292 , -0.0053]	2
Co-Bagging (NB)	[-0.0045 , 0.0378]	2
Co-Bagging (SMO)	[-0.01155 , 0.02785]	2
Rel-Rasco (NN)	[0.04495 , 0.09205]	2
Rel-Rasco (C45)	[0.01955 , 0.05595]	2
Rel-Rasco (NB)	[0.0067 , 0.0572]	2
Rel-Rasco (SMO)	[0.02295 , 0.0869]	2
CLCC	[0.00235 , 0.0452]	2
APSSC	[0.0019 , 0.057]	2
SNNRCE	[-0.0142 , 0.0163]	2
ADE-CoForest	[-0.0105 , 0.0112]	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)	608.0	877.0	-	1
Self-Training (C45)	394.0	1146.0	-	1
Self-Training (NB)	1118.5	421.5	-	0.003421
Self-Training (SMO)	619.0	921.0	-	1
Co-Training (NN)	719.0	821.0	-	1
Co-Training (C45)	547.5	992.5	-	1
Co-Training (NB)	797.5	687.5	-	0.632378
Co-Training (SMO)	593.0	947.0	-	1
Democratic-Co	319.5	1220.5	-	1
SETRED	587.0	953.0	-	1
TriTraining (NN)	581.0	959.0	-	1
TriTraining (C45)	339.0	1201.0	-	1
TriTraining (NB)	747.5	792.5	-	1
TriTraining (SMO)	651.0	889.0	-	1
DE-TriTraining (NN)	559.0	926.0	-	1
DE-TriTraining (C45)	524.0	1016.0	-	1
DE-TriTraining (SMO)	589.0	896.0	-	1
CoForest	481.0	1059.0	-	1
Rasco (NN)	1264.5	275.5	-	0.000032
Rasco (C45)	1021.0	519.0	-	0.034909
Rasco (NB)	975.0	565.0	-	0.085107
Rasco (SMO)	1039.0	501.0	-	0.023944
Co-Bagging (NN)	543.5	996.5	-	1
Co-Bagging (C45)	349.0	1191.0	-	1
Co-Bagging (NB)	844.5	695.5	-	0.528884
Co-Bagging (SMO)	685.5	854.5	-	1
Rel-Rasco (NN)	1257.0	283.0	-	0.000043
Rel-Rasco (C45)	1064.0	476.0	-	0.013509
Rel-Rasco (NB)	1030.0	510.0	-	0.028896
Rel-Rasco (SMO)	1031.0	509.0	-	0.028452
CLCC	882.0	658.0	-	0.345892
APSSC	780.5	759.5	-	0.926491
SNNRCE	562.0	978.0	-	1
ADE-CoForest	598.0	887.0	-	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)	[-0.03765 , 0.0078]	2
Self-Training (C45)	[-0.0499 , -0.0174]	2
Self-Training (NB)	[0.0095 , 0.02775]	2
Self-Training (SMO)	[-0.03755 , 0.0054]	2
Co-Training (NN)	[-0.0262 , 0.014]	2
Co-Training (C45)	[-0.0348 , -0.00165]	2
Co-Training (NB)	[-0.00635 , 0.00825]	2
Co-Training (SMO)	[-0.03895 , 0.0019]	2
Democratic-Co	[-0.0488 , -0.0182]	2
SETRED	[-0.0467 , 0.0014]	2
TriTraining (NN)	[-0.0439 , 0.0009]	2
TriTraining (C45)	[-0.05875 , -0.0244]	2
TriTraining (NB)	[-0.00965 , 0.00595]	2
TriTraining (SMO)	[-0.0333 , 0.00685]	2
DE-TriTraining (NN)	[-0.0327 , 0.0007]	2
DE-TriTraining (C45)	[-0.02935 , -0.0028]	2
DE-TriTraining (SMO)	[-0.02545 , 0.00265]	2
CoForest	[-0.0574 , -0.01275]	2
Rasco (NN)	[0.02915 , 0.06715]	2
Rasco (C45)	[0.0049 , 0.043]	2
Rasco (NB)	[0.0006 , 0.02545]	2
Rasco (SMO)	[0.01015 , 0.06175]	2
Co-Bagging (NN)	[-0.0384 , -0.0028]	2
Co-Bagging (C45)	[-0.05295 , -0.0219]	2
Co-Bagging (NB)	[-0.0062 , 0.01135]	2
Co-Bagging (SMO)	[-0.03215 , 0.0112]	2
Rel-Rasco (NN)	[0.03265 , 0.0732]	2
Rel-Rasco (C45)	[0.01005 , 0.04585]	2
Rel-Rasco (NB)	[0.0028 , 0.0224]	2
Rel-Rasco (SMO)	[0.00725 , 0.0624]	2
CLCC	[-0.00605 , 0.0223]	2
APSSC	[-0.02195 , 0.03515]	2
SNNRCE	[-0.04465 , -0.0009]	2
ADE-CoForest	[-0.02885 , 0.0032]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0431 , 0.0127]	2
Self-Training (C45)	[-0.05295 , -0.01375]	2
Self-Training (NB)	[0.0075 , 0.02985]	2
Self-Training (SMO)	[-0.04135 , 0.0094]	2
Co-Training (NN)	[-0.03035 , 0.0186]	2
Co-Training (C45)	[-0.03795 , 0.00095]	2
Co-Training (NB)	[-0.00795 , 0.0091]	2
Co-Training (SMO)	[-0.0444 , 0.00475]	2
Democratic-Co	[-0.0521 , -0.01535]	2
SETRED	[-0.05085 , 0.0056]	2
TriTraining (NN)	[-0.0496 , 0.00405]	2
TriTraining (C45)	[-0.0615 , -0.02115]	2
TriTraining (NB)	[-0.01185 , 0.00755]	2
TriTraining (SMO)	[-0.03835 , 0.01035]	2
DE-TriTraining (NN)	[-0.0359 , 0.0042]	2
DE-TriTraining (C45)	[-0.0318 , -0.00035]	2
DE-TriTraining (SMO)	[-0.02795 , 0.0052]	2
CoForest	[-0.0623 , -0.0077]	2
Rasco (NN)	[0.0255 , 0.0718]	2
Rasco (C45)	[0.001 , 0.04785]	2
Rasco (NB)	[-0.00135 , 0.02925]	2
Rasco (SMO)	[0.0051 , 0.06745]	2
Co-Bagging (NN)	[-0.0427 , 0.00015]	2
Co-Bagging (C45)	[-0.05665 , -0.01905]	2
Co-Bagging (NB)	[-0.0085 , 0.01265]	2
Co-Bagging (SMO)	[-0.0352 , 0.0163]	2
Rel-Rasco (NN)	[0.028 , 0.0773]	2
Rel-Rasco (C45)	[0.00615 , 0.0499]	2
Rel-Rasco (NB)	[0.0011 , 0.02475]	2
Rel-Rasco (SMO)	[0.00375 , 0.0684]	2
CLCC	[-0.0093 , 0.0259]	2
APSSC	[-0.0277 , 0.04335]	2
SNNRCE	[-0.04855 , 0.0026]	2
ADE-CoForest	[-0.03225 , 0.0059]	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)	917.0	623.0	-	0.216038
Self-Training (C45)	511.0	974.0	-	1
Self-Training (NB)	1029.0	456.0	-	0.013469
Self-Training (SMO)	796.0	689.0	-	0.641966
Co-Training (NN)	947.0	593.0	-	0.136142
Co-Training (C45)	747.5	792.5	-	1
Co-Training (NB)	863.0	622.0	-	0.297488
Co-Training (SMO)	702.0	783.0	-	1
Democratic-Co	486.5	998.5	-	1
SETRED	711.0	774.0	-	1
TriTraining (NN)	736.0	749.0	-	1
TriTraining (C45)	438.0	1047.0	-	1
TriTraining (NB)	861.0	624.0	-	0.305024
TriTraining (SMO)	755.5	784.5	-	1
DE-TriTraining (NN)	786.5	698.5	-	0.700685
DE-TriTraining (C45)	640.5	844.5	-	1
DE-TriTraining (NB)	896.0	589.0	-	0.183903
CoForest	624.5	915.5	-	1
Rasco (NN)	1404.0	81.0	-	0
Rasco (C45)	1108.0	377.0	-	0.001625
Rasco (NB)	1042.0	498.0	-	0.022421
Rasco (SMO)	1165.5	319.5	-	0.000262
Co-Bagging (NN)	810.5	729.5	-	0.730936
Co-Bagging (C45)	468.0	1017.0	-	1
Co-Bagging (NB)	881.0	604.0	-	0.231377
Co-Bagging (SMO)	804.0	681.0	-	0.593059
Rel-Rasco (NN)	1418.0	122.0	-	0
Rel-Rasco (C45)	1145.0	340.0	-	0.000521
Rel-Rasco (NB)	1062.0	478.0	-	0.014257
Rel-Rasco (SMO)	1173.0	312.0	-	0.000206
CLCC	957.0	528.0	-	0.064141
APSSC	1045.0	495.0	-	0.020983
SNNRCE	800.0	685.0	-	0.617503
ADE-CoForest	833.5	706.5	-	0.591413

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)	[-0.00305 , 0.01725]	2
Self-Training (C45)	[-0.03275 , -0.004]	2
Self-Training (NB)	[0.01085 , 0.05125]	2
Self-Training (SMO)	[-0.009 , 0.01745]	2
Co-Training (NN)	[-0.0018 , 0.0236]	2
Co-Training (C45)	[-0.0171 , 0.01285]	2
Co-Training (NB)	[-0.00575 , 0.02795]	2
Co-Training (SMO)	[-0.01335 , 0.0094]	2
Democratic-Co	[-0.0273 , -0.0036]	2
SETRED	[-0.01275 , 0.00885]	2
TriTraining (NN)	[-0.014 , 0.0098]	2
TriTraining (C45)	[-0.0401 , -0.0092]	2
TriTraining (NB)	[-0.0086 , 0.0318]	2
TriTraining (SMO)	[-0.01155 , 0.0116]	2
DE-TriTraining (NN)	[-0.00435 , 0.00675]	2
DE-TriTraining (C45)	[-0.01115 , 0.00405]	2
DE-TriTraining (NB)	[-0.00265 , 0.02545]	2
CoForest	[-0.0328 , 0.00475]	2
Rasco (NN)	[0.0451 , 0.0768]	2
Rasco (C45)	[0.0195 , 0.0616]	2
Rasco (NB)	[0.00905 , 0.0468]	2
Rasco (SMO)	[0.0288 , 0.07485]	2
Co-Bagging (NN)	[-0.00805 , 0.00875]	2
Co-Bagging (C45)	[-0.03735 , -0.00785]	2
Co-Bagging (NB)	[-0.00655 , 0.0343]	2
Co-Bagging (SMO)	[-0.00765 , 0.01685]	2
Rel-Rasco (NN)	[0.04835 , 0.0854]	2
Rel-Rasco (C45)	[0.02495 , 0.0638]	2
Rel-Rasco (NB)	[0.0102 , 0.04855]	2
Rel-Rasco (SMO)	[0.0277 , 0.0752]	2
CLCC	[0.00185 , 0.04025]	2
APSSC	[0.0082 , 0.05]	2
SNNRCE	[-0.00715 , 0.01095]	2
ADE-CoForest	[-0.0062 , 0.01215]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00585 , 0.0191]	2
Self-Training (C45)	[-0.03625 , -0.0007]	2
Self-Training (NB)	[0.0063 , 0.0557]	2
Self-Training (SMO)	[-0.01165 , 0.021]	2
Co-Training (NN)	[-0.0044 , 0.0259]	2
Co-Training (C45)	[-0.02165 , 0.01645]	2
Co-Training (NB)	[-0.0093 , 0.03195]	2
Co-Training (SMO)	[-0.01615 , 0.01215]	2
Democratic-Co	[-0.0302 , -0.00175]	2
SETRED	[-0.01545 , 0.0106]	2
TriTraining (NN)	[-0.0167 , 0.01205]	2
TriTraining (C45)	[-0.0443 , -0.0057]	2
TriTraining (NB)	[-0.0124 , 0.0361]	2
TriTraining (SMO)	[-0.01365 , 0.0141]	2
DE-TriTraining (NN)	[-0.0051 , 0.0081]	2
DE-TriTraining (C45)	[-0.01315 , 0.0057]	2
DE-TriTraining (NB)	[-0.0052 , 0.02795]	2
CoForest	[-0.03695 , 0.0077]	2
Rasco (NN)	[0.04325 , 0.0806]	2
Rasco (C45)	[0.0157 , 0.06495]	2
Rasco (NB)	[0.0056 , 0.0508]	2
Rasco (SMO)	[0.0243 , 0.0787]	2
Co-Bagging (NN)	[-0.01105 , 0.0099]	2
Co-Bagging (C45)	[-0.04025 , -0.00425]	2
Co-Bagging (NB)	[-0.01085 , 0.03955]	2
Co-Bagging (SMO)	[-0.0104 , 0.01925]	2
Rel-Rasco (NN)	[0.04515 , 0.08895]	2
Rel-Rasco (C45)	[0.02055 , 0.06965]	2
Rel-Rasco (NB)	[0.006 , 0.0527]	2
Rel-Rasco (SMO)	[0.02305 , 0.08085]	2
CLCC	[-0.0009 , 0.04575]	2
APSSC	[0.00475 , 0.05605]	2
SNNRCE	[-0.0105 , 0.0132]	2
ADE-CoForest	[-0.00755 , 0.0137]	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)	938.0	602.0	-	0.158013
Self-Training (C45)	919.0	621.0	-	0.209398
Self-Training (NB)	1137.0	403.0	-	0.002076
Self-Training (SMO)	950.0	590.0	-	0.13045
Co-Training (NN)	1041.0	499.0	-	0.022919
Co-Training (C45)	1000.0	540.0	-	0.053451
Co-Training (NB)	1023.0	517.0	-	0.033488
Co-Training (SMO)	884.0	656.0	-	0.337386
Democratic-Co	804.0	736.0	-	0.772536
SETRED	857.0	683.0	-	0.463015
TriTraining (NN)	855.0	685.0	-	0.473302
TriTraining (C45)	811.5	728.5	-	0.72436
TriTraining (NB)	998.0	487.0	-	0.027509
TriTraining (SMO)	935.0	605.0	-	0.165106
DE-TriTraining (NN)	883.0	657.0	-	0.341622
DE-TriTraining (C45)	972.0	568.0	-	0.089762
DE-TriTraining (NB)	1059.0	481.0	-	0.015284
DE-TriTraining (SMO)	915.5	624.5	-	0.220745
Rasco (NN)	1329.0	211.0	-	0.000003
Rasco (C45)	1131.0	354.0	-	0.000799
Rasco (NB)	1096.0	444.0	-	0.006227
Rasco (SMO)	1156.0	384.0	-	0.001202
Co-Bagging (NN)	858.0	627.0	-	0.317899
Co-Bagging (C45)	847.0	693.0	-	0.51612
Co-Bagging (NB)	1067.5	472.5	-	0.01244
Co-Bagging (SMO)	899.0	641.0	-	0.277912
Rel-Rasco (NN)	1336.0	204.0	-	0.000002
Rel-Rasco (C45)	1186.0	354.0	-	0.000484
Rel-Rasco (NB)	1100.0	440.0	-	0.005621
Rel-Rasco (SMO)	1115.0	370.0	-	0.00132
CLCC	1075.0	465.0	-	0.010478
APSSC	941.0	544.0	-	0.086633
SNNRCE	827.0	658.0	-	0.463768
ADE-CoForest	983.0	502.0	-	0.037981

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)	[-0.00265 , 0.02795]	2
Self-Training (C45)	[-0.0035 , 0.02345]	2
Self-Training (NB)	[0.0237 , 0.07335]	2
Self-Training (SMO)	[-0.00125 , 0.0345]	2
Co-Training (NN)	[0.0081 , 0.03895]	2
Co-Training (C45)	[0.00265 , 0.03525]	2
Co-Training (NB)	[0.0089 , 0.05375]	2
Co-Training (SMO)	[-0.00905 , 0.029]	2
Democratic-Co	[-0.01315 , 0.01525]	2
SETRED	[-0.00855 , 0.02065]	2
TriTraining (NN)	[-0.008 , 0.0218]	2
TriTraining (C45)	[-0.0101 , 0.0146]	2
TriTraining (NB)	[0.008 , 0.0524]	2
TriTraining (SMO)	[-0.00315 , 0.0351]	2
DE-TriTraining (NN)	[-0.0059 , 0.02215]	2
DE-TriTraining (C45)	[0.0009 , 0.03155]	2
DE-TriTraining (NB)	[0.01275 , 0.0574]	2
DE-TriTraining (SMO)	[-0.00475 , 0.0328]	2
Rasco (NN)	[0.0621 , 0.104]	2
Rasco (C45)	[0.0262 , 0.0766]	2
Rasco (NB)	[0.0207 , 0.0744]	2
Rasco (SMO)	[0.03345 , 0.09025]	2
Co-Bagging (NN)	[-0.0064 , 0.0243]	2
Co-Bagging (C45)	[-0.0078 , 0.01575]	2
Co-Bagging (NB)	[0.01235 , 0.05415]	2
Co-Bagging (SMO)	[-0.0054 , 0.0356]	2
Rel-Rasco (NN)	[0.06765 , 0.1106]	2
Rel-Rasco (C45)	[0.0337 , 0.07705]	2
Rel-Rasco (NB)	[0.0204 , 0.07425]	2
Rel-Rasco (SMO)	[0.03575 , 0.09205]	2
CLCC	[0.01025 , 0.0538]	2
APSSC	[0.00145 , 0.0548]	2
SNNRCE	[-0.0085 , 0.01935]	2
ADE-CoForest	[0.00245 , 0.02625]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0066 , 0.03235]	2
Self-Training (C45)	[-0.0064 , 0.0264]	2
Self-Training (NB)	[0.01855 , 0.079]	2
Self-Training (SMO)	[-0.0051 , 0.039]	2
Co-Training (NN)	[0.00445 , 0.04285]	2
Co-Training (C45)	[-0.0005 , 0.03805]	2
Co-Training (NB)	[0.00265 , 0.0585]	2
Co-Training (SMO)	[-0.01185 , 0.03305]	2
Democratic-Co	[-0.01655 , 0.01845]	2
SETRED	[-0.0131 , 0.0233]	2
TriTraining (NN)	[-0.01145 , 0.0247]	2
TriTraining (C45)	[-0.014 , 0.01595]	2
TriTraining (NB)	[0.0032 , 0.0564]	2
TriTraining (SMO)	[-0.0073 , 0.0388]	2
DE-TriTraining (NN)	[-0.0092 , 0.0253]	2
DE-TriTraining (C45)	[-0.0029 , 0.03405]	2
DE-TriTraining (NB)	[0.0077 , 0.0623]	2
DE-TriTraining (SMO)	[-0.0077 , 0.03695]	2
Rasco (NN)	[0.0584 , 0.10855]	2
Rasco (C45)	[0.0222 , 0.0821]	2
Rasco (NB)	[0.0152 , 0.08175]	2
Rasco (SMO)	[0.0251 , 0.09685]	2
Co-Bagging (NN)	[-0.01035 , 0.02735]	2
Co-Bagging (C45)	[-0.01015 , 0.01895]	2
Co-Bagging (NB)	[0.0076 , 0.0578]	2
Co-Bagging (SMO)	[-0.00865 , 0.0403]	2
Rel-Rasco (NN)	[0.0646 , 0.1163]	2
Rel-Rasco (C45)	[0.03045 , 0.08175]	2
Rel-Rasco (NB)	[0.01385 , 0.08085]	2
Rel-Rasco (SMO)	[0.02935 , 0.10145]	2
CLCC	[0.0062 , 0.0596]	2
APSSC	[-0.0033 , 0.0598]	2
SNNRCE	[-0.01225 , 0.02235]	2
ADE-CoForest	[0.0006 , 0.0296]	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)	90.0	1395.0	-	1
Self-Training (C45)	76.5	1463.5	-	1
Self-Training (NB)	445.0	1095.0	-	1
Self-Training (SMO)	270.0	1270.0	-	1
Co-Training (NN)	218.0	1267.0	-	1
Co-Training (C45)	135.0	1405.0	-	1
Co-Training (NB)	284.0	1256.0	-	1
Co-Training (SMO)	189.0	1351.0	-	1
Democratic-Co	65.0	1475.0	-	1
SETRED	62.0	1423.0	-	1
TriTraining (NN)	141.0	1399.0	-	1
TriTraining (C45)	30.0	1510.0	-	1
TriTraining (NB)	283.5	1256.5	-	1
TriTraining (SMO)	218.0	1322.0	-	1
DE-TriTraining (NN)	127.0	1413.0	-	1
DE-TriTraining (C45)	105.0	1435.0	-	1
DE-TriTraining (NB)	275.5	1264.5	-	1
DE-TriTraining (SMO)	81.0	1404.0	-	1
CoForest	211.0	1329.0	-	1
Rasco (C45)	429.0	1111.0	-	1
Rasco (NB)	392.0	1148.0	-	1
Rasco (SMO)	468.0	1072.0	-	1
Co-Bagging (NN)	82.0	1458.0	-	1
Co-Bagging (C45)	39.0	1501.0	-	1
Co-Bagging (NB)	248.0	1292.0	-	1
Co-Bagging (SMO)	252.0	1288.0	-	1
Rel-Rasco (NN)	832.0	653.0	-	0.4374
Rel-Rasco (C45)	477.0	1063.0	-	1
Rel-Rasco (NB)	413.0	1127.0	-	1
Rel-Rasco (SMO)	432.0	1053.0	-	1
CLCC	483.0	1057.0	-	1
APSSC	452.0	1088.0	-	1
SNNRCE	67.0	1473.0	-	1
ADE-CoForest	283.0	1257.0	-	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)	[-0.08725 , -0.0417]	2
Self-Training (C45)	[-0.09895 , -0.06345]	2
Self-Training (NB)	[-0.06225 , -0.01535]	2
Self-Training (SMO)	[-0.0825 , -0.04025]	2
Co-Training (NN)	[-0.08075 , -0.03565]	2
Co-Training (C45)	[-0.0898 , -0.0462]	2
Co-Training (NB)	[-0.0822 , -0.0354]	2
Co-Training (SMO)	[-0.0918 , -0.04655]	2
Democratic-Co	[-0.10935 , -0.06375]	2
SETRED	[-0.09205 , -0.04745]	2
TriTraining (NN)	[-0.098 , -0.04725]	2
TriTraining (C45)	[-0.10625 , -0.0725]	2
TriTraining (NB)	[-0.0854 , -0.0378]	2
TriTraining (SMO)	[-0.0896 , -0.04715]	2
DE-TriTraining (NN)	[-0.07875 , -0.0451]	2
DE-TriTraining (C45)	[-0.07925 , -0.04485]	2
DE-TriTraining (NB)	[-0.06715 , -0.02915]	2
DE-TriTraining (SMO)	[-0.0768 , -0.0451]	2
CoForest	[-0.104 , -0.0621]	2
Rasco (C45)	[-0.04045 , -0.01225]	2
Rasco (NB)	[-0.06225 , -0.0225]	2
Rasco (SMO)	[-0.03705 , -0.0085]	2
Co-Bagging (NN)	[-0.08585 , -0.0498]	2
Co-Bagging (C45)	[-0.10605 , -0.0691]	2
Co-Bagging (NB)	[-0.0785 , -0.0377]	2
Co-Bagging (SMO)	[-0.0809 , -0.04385]	2
Rel-Rasco (NN)	[-0.00175 , 0.0076]	2
Rel-Rasco (C45)	[-0.03965 , -0.00825]	2
Rel-Rasco (NB)	[-0.0647 , -0.019]	2
Rel-Rasco (SMO)	[-0.03635 , -0.0111]	2
CLCC	[-0.0591 , -0.0128]	2
APSSC	[-0.07135 , -0.01955]	2
SNNRCE	[-0.09485 , -0.049]	2
ADE-CoForest	[-0.0705 , -0.03735]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0912 , -0.0389]	2
Self-Training (C45)	[-0.10285 , -0.06055]	2
Self-Training (NB)	[-0.0675 , -0.01095]	2
Self-Training (SMO)	[-0.087 , -0.03615]	2
Co-Training (NN)	[-0.08635 , -0.0321]	2
Co-Training (C45)	[-0.0944 , -0.0426]	2
Co-Training (NB)	[-0.08795 , -0.0318]	2
Co-Training (SMO)	[-0.0993 , -0.0423]	2
Democratic-Co	[-0.11555 , -0.06055]	2
SETRED	[-0.1005 , -0.0448]	2
TriTraining (NN)	[-0.10515 , -0.04355]	2
TriTraining (C45)	[-0.1095 , -0.0692]	2
TriTraining (NB)	[-0.09115 , -0.03295]	2
TriTraining (SMO)	[-0.09515 , -0.0425]	2
DE-TriTraining (NN)	[-0.0828 , -0.04255]	2
DE-TriTraining (C45)	[-0.0835 , -0.04195]	2
DE-TriTraining (NB)	[-0.0718 , -0.0255]	2
DE-TriTraining (SMO)	[-0.0806 , -0.04325]	2
CoForest	[-0.10855 , -0.0584]	2
Rasco (C45)	[-0.0444 , -0.0091]	2
Rasco (NB)	[-0.0673 , -0.01805]	2
Rasco (SMO)	[-0.0394 , -0.0056]	2
Co-Bagging (NN)	[-0.09065 , -0.0466]	2
Co-Bagging (C45)	[-0.10995 , -0.0654]	2
Co-Bagging (NB)	[-0.08355 , -0.0349]	2
Co-Bagging (SMO)	[-0.0847 , -0.0392]	2
Rel-Rasco (NN)	[-0.0023 , 0.00885]	2
Rel-Rasco (C45)	[-0.0434 , -0.0055]	2
Rel-Rasco (NB)	[-0.0682 , -0.0142]	2
Rel-Rasco (SMO)	[-0.0388 , -0.0075]	2
CLCC	[-0.06325 , -0.0084]	2
APSSC	[-0.0777 , -0.0131]	2
SNNRCE	[-0.0993 , -0.04545]	2
ADE-CoForest	[-0.0749 , -0.0343]	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)	497.0	1043.0	-	1
Self-Training (C45)	87.5	1452.5	-	1
Self-Training (NB)	692.0	793.0	-	1
Self-Training (SMO)	498.0	1042.0	-	1
Co-Training (NN)	557.0	983.0	-	1
Co-Training (C45)	235.0	1305.0	-	1
Co-Training (NB)	503.0	982.0	-	1
Co-Training (SMO)	444.0	1096.0	-	1
Democratic-Co	231.0	1309.0	-	1
SETRED	441.0	1099.0	-	1
TriTraining (NN)	442.0	1098.0	-	1
TriTraining (C45)	61.0	1479.0	-	1
TriTraining (NB)	495.5	989.5	-	1
TriTraining (SMO)	452.0	1088.0	-	1
DE-TriTraining (NN)	408.0	1132.0	-	1
DE-TriTraining (C45)	316.0	1224.0	-	1
DE-TriTraining (NB)	519.0	1021.0	-	1
DE-TriTraining (SMO)	377.0	1108.0	-	1
CoForest	354.0	1131.0	-	1
Rasco (NN)	1111.0	429.0	-	0.004219
Rasco (NB)	635.0	905.0	-	1
Rasco (SMO)	852.0	688.0	-	0.489421
Co-Bagging (NN)	435.0	1105.0	-	1
Co-Bagging (C45)	55.0	1485.0	-	1
Co-Bagging (NB)	485.0	1000.0	-	1
Co-Bagging (SMO)	474.0	1066.0	-	1
Rel-Rasco (NN)	1164.0	376.0	-	0.000937
Rel-Rasco (C45)	803.0	682.0	-	0.598246
Rel-Rasco (NB)	655.5	884.5	-	1
Rel-Rasco (SMO)	839.0	701.0	-	0.560358
CLCC	735.0	805.0	-	1
APSSC	703.0	837.0	-	1
SNNRCE	428.0	1112.0	-	1
ADE-CoForest	527.0	1013.0	-	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)	[-0.0683 , -0.0099]	2
Self-Training (C45)	[-0.0682 , -0.0304]	2
Self-Training (NB)	[-0.03125 , 0.01625]	2
Self-Training (SMO)	[-0.06215 , -0.01095]	2
Co-Training (NN)	[-0.0641 , -0.0028]	2
Co-Training (C45)	[-0.05085 , -0.0188]	2
Co-Training (NB)	[-0.06 , -0.0062]	2
Co-Training (SMO)	[-0.0692 , -0.0159]	2
Democratic-Co	[-0.07375 , -0.0319]	2
SETRED	[-0.07825 , -0.01945]	2
TriTraining (NN)	[-0.079 , -0.0187]	2
TriTraining (C45)	[-0.07965 , -0.03945]	2
TriTraining (NB)	[-0.0552 , -0.00615]	2
TriTraining (SMO)	[-0.0655 , -0.01695]	2
DE-TriTraining (NN)	[-0.0613 , -0.02035]	2
DE-TriTraining (C45)	[-0.05035 , -0.01765]	2
DE-TriTraining (NB)	[-0.043 , -0.0049]	2
DE-TriTraining (SMO)	[-0.0616 , -0.0195]	2
CoForest	[-0.0766 , -0.0262]	2
Rasco (NN)	[0.01225 , 0.04045]	2
Rasco (NB)	[-0.035 , 0.0068]	2
Rasco (SMO)	[-0.0087 , 0.0209]	2
Co-Bagging (NN)	[-0.06845 , -0.02085]	2
Co-Bagging (C45)	[-0.07435 , -0.03585]	2
Co-Bagging (NB)	[-0.05425 , -0.0062]	2
Co-Bagging (SMO)	[-0.0636 , -0.0135]	2
Rel-Rasco (NN)	[0.0186 , 0.04845]	2
Rel-Rasco (C45)	[-0.0028 , 0.0049]	2
Rel-Rasco (NB)	[-0.03545 , 0.00985]	2
Rel-Rasco (SMO)	[-0.0098 , 0.0208]	2
CLCC	[-0.03185 , 0.02425]	2
APSSC	[-0.0432 , 0.0199]	2
SNNRCE	[-0.07565 , -0.02165]	2
ADE-CoForest	[-0.0564 , -0.00675]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07655 , -0.0056]	2
Self-Training (C45)	[-0.07205 , -0.02785]	2
Self-Training (NB)	[-0.0381 , 0.02035]	2
Self-Training (SMO)	[-0.06705 , -0.00615]	2
Co-Training (NN)	[-0.0696 , 0.00375]	2
Co-Training (C45)	[-0.0565 , -0.0164]	2
Co-Training (NB)	[-0.06475 , -0.00065]	2
Co-Training (SMO)	[-0.07345 , -0.01025]	2
Democratic-Co	[-0.0797 , -0.02795]	2
SETRED	[-0.08545 , -0.0139]	2
TriTraining (NN)	[-0.08615 , -0.01375]	2
TriTraining (C45)	[-0.08445 , -0.03645]	2
TriTraining (NB)	[-0.06165 , -0.00225]	2
TriTraining (SMO)	[-0.07025 , -0.01235]	2
DE-TriTraining (NN)	[-0.0654 , -0.0166]	2
DE-TriTraining (C45)	[-0.05435 , -0.01505]	2
DE-TriTraining (NB)	[-0.04785 , -0.001]	2
DE-TriTraining (SMO)	[-0.06495 , -0.0157]	2
CoForest	[-0.0821 , -0.0222]	2
Rasco (NN)	[0.0091 , 0.0444]	2
Rasco (NB)	[-0.0399 , 0.01175]	2
Rasco (SMO)	[-0.01265 , 0.0252]	2
Co-Bagging (NN)	[-0.07355 , -0.0154]	2
Co-Bagging (C45)	[-0.0805 , -0.03315]	2
Co-Bagging (NB)	[-0.05995 , -0.0028]	2
Co-Bagging (SMO)	[-0.0681 , -0.009]	2
Rel-Rasco (NN)	[0.0141 , 0.0516]	2
Rel-Rasco (C45)	[-0.0037 , 0.0059]	2
Rel-Rasco (NB)	[-0.04115 , 0.0138]	2
Rel-Rasco (SMO)	[-0.013 , 0.0247]	2
CLCC	[-0.0386 , 0.0297]	2
APSSC	[-0.04935 , 0.0277]	2
SNNRCE	[-0.0819 , -0.01685]	2
ADE-CoForest	[-0.06085 , -0.00165]	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)	533.0	1007.0	-	1
Self-Training (C45)	354.0	1186.0	-	1
Self-Training (NB)	811.0	674.0	-	0.552014
Self-Training (SMO)	559.0	981.0	-	1
Co-Training (NN)	580.0	960.0	-	1
Co-Training (C45)	473.0	1067.0	-	1
Co-Training (NB)	515.5	1024.5	-	1
Co-Training (SMO)	537.0	1003.0	-	1
Democratic-Co	275.0	1210.0	-	1
SETRED	481.0	1059.0	-	1
TriTraining (NN)	466.0	1074.0	-	1
TriTraining (C45)	306.5	1233.5	-	1
TriTraining (NB)	463.5	1076.5	-	1
TriTraining (SMO)	569.0	971.0	-	1
DE-TriTraining (NN)	518.0	1022.0	-	1
DE-TriTraining (C45)	480.5	1059.5	-	1
DE-TriTraining (NB)	565.0	975.0	-	1
DE-TriTraining (SMO)	498.0	1042.0	-	1
CoForest	444.0	1096.0	-	1
Rasco (NN)	1148.0	392.0	-	0.001518
Rasco (C45)	905.0	635.0	-	0.256252
Rasco (SMO)	969.0	571.0	-	0.094619
Co-Bagging (NN)	456.0	1029.0	-	1
Co-Bagging (C45)	316.0	1224.0	-	1
Co-Bagging (NB)	528.0	957.0	-	1
Co-Bagging (SMO)	616.0	924.0	-	1
Rel-Rasco (NN)	1169.0	371.0	-	0.000816
Rel-Rasco (C45)	925.0	615.0	-	0.192621
Rel-Rasco (NB)	549.0	936.0	-	1
Rel-Rasco (SMO)	950.0	590.0	-	0.13045
CLCC	750.0	790.0	-	1
APSSC	715.0	825.0	-	1
SNNRCE	462.0	1078.0	-	1
ADE-CoForest	601.0	939.0	-	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)	[-0.0661 , -0.00495]	2
Self-Training (C45)	[-0.06485 , -0.02485]	2
Self-Training (NB)	[-0.00985 , 0.01585]	2
Self-Training (SMO)	[-0.0529 , -0.002]	2
Co-Training (NN)	[-0.05015 , 0.0007]	2
Co-Training (C45)	[-0.053 , -0.0123]	2
Co-Training (NB)	[-0.0306 , -0.00285]	2
Co-Training (SMO)	[-0.0582 , -0.0052]	2
Democratic-Co	[-0.07265 , -0.02985]	2
SETRED	[-0.07425 , -0.01335]	2
TriTraining (NN)	[-0.07155 , -0.0145]	2
TriTraining (C45)	[-0.07355 , -0.0298]	2
TriTraining (NB)	[-0.02965 , -0.00475]	2
TriTraining (SMO)	[-0.05265 , -0.00105]	2
DE-TriTraining (NN)	[-0.05165 , -0.0065]	2
DE-TriTraining (C45)	[-0.0532 , -0.00995]	2
DE-TriTraining (NB)	[-0.02545 , -0.0006]	2
DE-TriTraining (SMO)	[-0.0468 , -0.00905]	2
CoForest	[-0.0744 , -0.0207]	2
Rasco (NN)	[0.0225 , 0.06225]	2
Rasco (C45)	[-0.0068 , 0.035]	2
Rasco (SMO)	[0.0009 , 0.04555]	2
Co-Bagging (NN)	[-0.05945 , -0.01255]	2
Co-Bagging (C45)	[-0.07195 , -0.02815]	2
Co-Bagging (NB)	[-0.0225 , -0.0008]	2
Co-Bagging (SMO)	[-0.047 , 0.00475]	2
Rel-Rasco (NN)	[0.02615 , 0.0654]	2
Rel-Rasco (C45)	[-0.00465 , 0.0425]	2
Rel-Rasco (NB)	[-0.0072 , -0.00005]	2
Rel-Rasco (SMO)	[-0.00175 , 0.0435]	2
CLCC	[-0.02355 , 0.01845]	2
APSSC	[-0.0377 , 0.0192]	2
SNNRCE	[-0.072 , -0.01575]	2
ADE-CoForest	[-0.0445 , 0.0033]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0721 , -0.00045]	2
Self-Training (C45)	[-0.0691 , -0.0208]	2
Self-Training (NB)	[-0.0129 , 0.01835]	2
Self-Training (SMO)	[-0.0586 , 0.0037]	2
Co-Training (NN)	[-0.0574 , 0.007]	2
Co-Training (C45)	[-0.05765 , -0.0078]	2
Co-Training (NB)	[-0.034 , -0.0009]	2
Co-Training (SMO)	[-0.0638 , -0.0001]	2
Democratic-Co	[-0.076 , -0.02425]	2
SETRED	[-0.0794 , -0.00795]	2
TriTraining (NN)	[-0.0766 , -0.0094]	2
TriTraining (C45)	[-0.07765 , -0.02565]	2
TriTraining (NB)	[-0.0321 , -0.00315]	2
TriTraining (SMO)	[-0.05735 , 0.00335]	2
DE-TriTraining (NN)	[-0.0563 , -0.0028]	2
DE-TriTraining (C45)	[-0.0583 , -0.00625]	2
DE-TriTraining (NB)	[-0.02925 , 0.00135]	2
DE-TriTraining (SMO)	[-0.0508 , -0.0056]	2
CoForest	[-0.08175 , -0.0152]	2
Rasco (NN)	[0.01805 , 0.0673]	2
Rasco (C45)	[-0.01175 , 0.0399]	2
Rasco (SMO)	[-0.0037 , 0.0505]	2
Co-Bagging (NN)	[-0.06535 , -0.00835]	2
Co-Bagging (C45)	[-0.0756 , -0.02465]	2
Co-Bagging (NB)	[-0.0254 , 0.00045]	2
Co-Bagging (SMO)	[-0.0507 , 0.00945]	2
Rel-Rasco (NN)	[0.0222 , 0.0703]	2
Rel-Rasco (C45)	[-0.01025 , 0.0481]	2
Rel-Rasco (NB)	[-0.0082 , 0.00055]	2
Rel-Rasco (SMO)	[-0.00695 , 0.04905]	2
CLCC	[-0.02905 , 0.0231]	2
APSSC	[-0.0455 , 0.02675]	2
SNNRCE	[-0.07875 , -0.0101]	2
ADE-CoForest	[-0.05025 , 0.00765]	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)	411.0	1074.0	-	1
Self-Training (C45)	243.0	1242.0	-	1
Self-Training (NB)	637.0	903.0	-	1
Self-Training (SMO)	298.0	1187.0	-	1
Co-Training (NN)	504.0	1036.0	-	1
Co-Training (C45)	309.5	1230.5	-	1
Co-Training (NB)	468.0	1072.0	-	1
Co-Training (SMO)	258.0	1227.0	-	1
Democratic-Co	253.5	1286.5	-	1
SETRED	365.0	1120.0	-	1
TriTraining (NN)	381.0	1159.0	-	1
TriTraining (C45)	152.0	1333.0	-	1
TriTraining (NB)	475.0	1065.0	-	1
TriTraining (SMO)	262.0	1223.0	-	1
DE-TriTraining (NN)	352.0	1133.0	-	1
DE-TriTraining (C45)	331.0	1154.0	-	1
DE-TriTraining (NB)	501.0	1039.0	-	1
DE-TriTraining (SMO)	319.5	1165.5	-	1
CoForest	384.0	1156.0	-	1
Rasco (NN)	1072.0	468.0	-	0.01126
Rasco (C45)	688.0	852.0	-	1
Rasco (NB)	571.0	969.0	-	1
Co-Bagging (NN)	332.0	1208.0	-	1
Co-Bagging (C45)	154.5	1330.5	-	1
Co-Bagging (NB)	449.0	1091.0	-	1
Co-Bagging (SMO)	323.0	1162.0	-	1
Rel-Rasco (NN)	1099.0	441.0	-	0.005716
Rel-Rasco (C45)	739.0	801.0	-	1
Rel-Rasco (NB)	582.0	958.0	-	1
Rel-Rasco (SMO)	707.5	777.5	-	1
CLCC	638.0	847.0	-	1
APSSC	613.0	872.0	-	1
SNNRCE	337.0	1148.0	-	1
ADE-CoForest	472.0	1013.0	-	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)	[-0.0841 , -0.01725]	2
Self-Training (C45)	[-0.09455 , -0.0396]	2
Self-Training (NB)	[-0.04505 , 0.00735]	2
Self-Training (SMO)	[-0.0621 , -0.01705]	2
Co-Training (NN)	[-0.0734 , -0.01335]	2
Co-Training (C45)	[-0.07765 , -0.0289]	2
Co-Training (NB)	[-0.06915 , -0.0145]	2
Co-Training (SMO)	[-0.07065 , -0.0269]	2
Democratic-Co	[-0.09885 , -0.0426]	2
SETRED	[-0.09335 , -0.02515]	2
TriTraining (NN)	[-0.09635 , -0.02325]	2
TriTraining (C45)	[-0.09755 , -0.0506]	2
TriTraining (NB)	[-0.0691 , -0.01395]	2
TriTraining (SMO)	[-0.05985 , -0.02055]	2
DE-TriTraining (NN)	[-0.0745 , -0.02515]	2
DE-TriTraining (C45)	[-0.07785 , -0.02635]	2
DE-TriTraining (NB)	[-0.06175 , -0.01015]	2
DE-TriTraining (SMO)	[-0.07485 , -0.0288]	2
CoForest	[-0.09025 , -0.03345]	2
Rasco (NN)	[0.0085 , 0.03705]	2
Rasco (C45)	[-0.0209 , 0.0087]	2
Rasco (NB)	[-0.04555 , -0.0009]	2
Co-Bagging (NN)	[-0.0747 , -0.02435]	2
Co-Bagging (C45)	[-0.0981 , -0.04395]	2
Co-Bagging (NB)	[-0.06195 , -0.01295]	2
Co-Bagging (SMO)	[-0.0538 , -0.0169]	2
Rel-Rasco (NN)	[0.01025 , 0.04195]	2
Rel-Rasco (C45)	[-0.02065 , 0.014]	2
Rel-Rasco (NB)	[-0.04845 , 0.0013]	2
Rel-Rasco (SMO)	[-0.0069 , 0.00365]	2
CLCC	[-0.049 , 0.01635]	2
APSSC	[-0.0554 , 0.0099]	2
SNNRCE	[-0.0887 , -0.02715]	2
ADE-CoForest	[-0.06875 , -0.0128]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.091 , -0.0116]	2
Self-Training (C45)	[-0.10075 , -0.0349]	2
Self-Training (NB)	[-0.05145 , 0.0133]	2
Self-Training (SMO)	[-0.06725 , -0.0151]	2
Co-Training (NN)	[-0.0823 , -0.00515]	2
Co-Training (C45)	[-0.08425 , -0.02545]	2
Co-Training (NB)	[-0.0748 , -0.00885]	2
Co-Training (SMO)	[-0.07525 , -0.0225]	2
Democratic-Co	[-0.1052 , -0.03945]	2
SETRED	[-0.1002 , -0.0208]	2
TriTraining (NN)	[-0.10175 , -0.01845]	2
TriTraining (C45)	[-0.10335 , -0.0473]	2
TriTraining (NB)	[-0.076 , -0.0084]	2
TriTraining (SMO)	[-0.06435 , -0.0183]	2
DE-TriTraining (NN)	[-0.08125 , -0.02085]	2
DE-TriTraining (C45)	[-0.0833 , -0.02155]	2
DE-TriTraining (NB)	[-0.06745 , -0.0051]	2
DE-TriTraining (SMO)	[-0.0787 , -0.0243]	2
CoForest	[-0.09685 , -0.0251]	2
Rasco (NN)	[0.0056 , 0.0394]	2
Rasco (C45)	[-0.0252 , 0.01265]	2
Rasco (NB)	[-0.0505 , 0.0037]	2
Co-Bagging (NN)	[-0.08345 , -0.0212]	2
Co-Bagging (C45)	[-0.10445 , -0.04065]	2
Co-Bagging (NB)	[-0.06735 , -0.00965]	2
Co-Bagging (SMO)	[-0.0582 , -0.01455]	2
Rel-Rasco (NN)	[0.0074 , 0.04475]	2
Rel-Rasco (C45)	[-0.0239 , 0.0178]	2
Rel-Rasco (NB)	[-0.055 , 0.00585]	2
Rel-Rasco (SMO)	[-0.0082 , 0.00545]	2
CLCC	[-0.05725 , 0.0236]	2
APSSC	[-0.063 , 0.0174]	2
SNNRCE	[-0.09775 , -0.023]	2
ADE-CoForest	[-0.0746 , -0.0078]	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)	891.5	648.5	-	0.306188
Self-Training (C45)	663.5	876.5	-	1
Self-Training (NB)	1085.0	455.0	-	0.008207
Self-Training (SMO)	856.0	684.0	-	0.468143
Co-Training (NN)	909.0	576.0	-	0.150461
Co-Training (C45)	814.5	725.5	-	0.705854
Co-Training (NB)	925.0	615.0	-	0.192621
Co-Training (SMO)	725.5	814.5	-	1
Democratic-Co	541.5	998.5	-	1
SETRED	726.0	814.0	-	1
TriTraining (NN)	812.0	728.0	-	0.721495
TriTraining (C45)	538.0	1002.0	-	1
TriTraining (NB)	909.0	631.0	-	0.242481
TriTraining (SMO)	758.0	782.0	-	1
DE-TriTraining (NN)	876.0	609.0	-	0.248085
DE-TriTraining (C45)	728.0	812.0	-	1
DE-TriTraining (NB)	996.5	543.5	-	0.056401
DE-TriTraining (SMO)	729.5	810.5	-	1
CoForest	627.0	858.0	-	1
Rasco (NN)	1458.0	82.0	-	0
Rasco (C45)	1105.0	435.0	-	0.004939
Rasco (NB)	1029.0	456.0	-	0.013469
Rasco (SMO)	1208.0	332.0	-	0.000239
Co-Bagging (C45)	545.0	995.0	-	1
Co-Bagging (NB)	943.0	597.0	-	0.145191
Co-Bagging (SMO)	734.0	806.0	-	1
Rel-Rasco (NN)	1474.0	66.0	-	0
Rel-Rasco (C45)	1152.0	388.0	-	0.001352
Rel-Rasco (NB)	1069.0	471.0	-	0.012094
Rel-Rasco (SMO)	1190.0	350.0	-	0.000426
CLCC	1046.5	493.5	-	0.020033
APSSC	1023.0	462.0	-	0.015543
SNNRCE	709.5	830.5	-	1
ADE-CoForest	882.5	657.5	-	0.343753

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)	[-0.00305 , 0.01225]	2
Self-Training (C45)	[-0.02275 , 0.0066]	2
Self-Training (NB)	[0.0131 , 0.0577]	2
Self-Training (SMO)	[-0.00695 , 0.0214]	2
Co-Training (NN)	[-0.00125 , 0.01765]	2
Co-Training (C45)	[-0.0143 , 0.02545]	2
Co-Training (NB)	[-0.0042 , 0.03315]	2
Co-Training (SMO)	[-0.0166 , 0.0157]	2
Democratic-Co	[-0.0248 , -0.0023]	2
SETRED	[-0.009 , 0.00485]	2
TriTraining (NN)	[-0.0064 , 0.0076]	2
TriTraining (C45)	[-0.03065 , -0.00325]	2
TriTraining (NB)	[-0.005 , 0.03495]	2
TriTraining (SMO)	[-0.0142 , 0.01455]	2
DE-TriTraining (NN)	[-0.00185 , 0.0116]	2
DE-TriTraining (C45)	[-0.01205 , 0.01145]	2
DE-TriTraining (NB)	[0.0028 , 0.0384]	2
DE-TriTraining (SMO)	[-0.00875 , 0.00805]	2
CoForest	[-0.0243 , 0.0064]	2
Rasco (NN)	[0.0498 , 0.08585]	2
Rasco (C45)	[0.02085 , 0.06845]	2
Rasco (NB)	[0.01255 , 0.05945]	2
Rasco (SMO)	[0.02435 , 0.0747]	2
Co-Bagging (C45)	[-0.0278 , -0.0028]	2
Co-Bagging (NB)	[-0.0024 , 0.0375]	2
Co-Bagging (SMO)	[-0.01245 , 0.0166]	2
Rel-Rasco (NN)	[0.0521 , 0.0896]	2
Rel-Rasco (C45)	[0.02325 , 0.0717]	2
Rel-Rasco (NB)	[0.01175 , 0.05935]	2
Rel-Rasco (SMO)	[0.02525 , 0.0792]	2
CLCC	[0.00595 , 0.04725]	2
APSSC	[0.0079 , 0.04375]	2
SNNRCE	[-0.0062 , 0.0032]	2
ADE-CoForest	[-0.0039 , 0.01645]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00505 , 0.0135]	2
Self-Training (C45)	[-0.0252 , 0.0097]	2
Self-Training (NB)	[0.0081 , 0.06115]	2
Self-Training (SMO)	[-0.0092 , 0.02615]	2
Co-Training (NN)	[-0.0031 , 0.0206]	2
Co-Training (C45)	[-0.01795 , 0.02885]	2
Co-Training (NB)	[-0.0073 , 0.0375]	2
Co-Training (SMO)	[-0.0196 , 0.01955]	2
Democratic-Co	[-0.0274 , 0.0005]	2
SETRED	[-0.01175 , 0.00625]	2
TriTraining (NN)	[-0.0085 , 0.0088]	2
TriTraining (C45)	[-0.0344 , 0.00005]	2
TriTraining (NB)	[-0.01005 , 0.0391]	2
TriTraining (SMO)	[-0.0162 , 0.0184]	2
DE-TriTraining (NN)	[-0.0032 , 0.0129]	2
DE-TriTraining (C45)	[-0.014 , 0.01375]	2
DE-TriTraining (NB)	[-0.00015 , 0.0427]	2
DE-TriTraining (SMO)	[-0.0099 , 0.01105]	2
CoForest	[-0.02735 , 0.01035]	2
Rasco (NN)	[0.0466 , 0.09065]	2
Rasco (C45)	[0.0154 , 0.07355]	2
Rasco (NB)	[0.00835 , 0.06535]	2
Rasco (SMO)	[0.0212 , 0.08345]	2
Co-Bagging (C45)	[-0.03065 , 0.00055]	2
Co-Bagging (NB)	[-0.0066 , 0.04245]	2
Co-Bagging (SMO)	[-0.01495 , 0.02375]	2
Rel-Rasco (NN)	[0.0492 , 0.0954]	2
Rel-Rasco (C45)	[0.0187 , 0.07685]	2
Rel-Rasco (NB)	[0.00755 , 0.0639]	2
Rel-Rasco (SMO)	[0.0207 , 0.08885]	2
CLCC	[0.0026 , 0.05395]	2
APSSC	[0.0056 , 0.0478]	2
SNNRCE	[-0.0072 , 0.00415]	2
ADE-CoForest	[-0.0055 , 0.0191]	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)	957.0	583.0	-	0.116188
Self-Training (C45)	961.5	523.5	-	0.058766
Self-Training (NB)	1282.0	258.0	-	0.000017
Self-Training (SMO)	1045.0	440.0	-	0.009083
Co-Training (NN)	1048.0	492.0	-	0.019626
Co-Training (C45)	1137.5	347.5	-	0.000652
Co-Training (NB)	1102.5	437.5	-	0.005175
Co-Training (SMO)	1011.5	528.5	-	0.042384
Democratic-Co	808.0	732.0	-	0.746762
SETRED	884.0	656.0	-	0.335865
TriTraining (NN)	906.0	634.0	-	0.25276
TriTraining (C45)	574.0	911.0	-	1
TriTraining (NB)	1081.0	459.0	-	0.009056
TriTraining (SMO)	1016.0	469.0	-	0.018314
DE-TriTraining (NN)	945.0	540.0	-	0.080486
DE-TriTraining (C45)	1056.0	429.0	-	0.006799
DE-TriTraining (NB)	1191.0	349.0	-	0.000413
DE-TriTraining (SMO)	1017.0	468.0	-	0.017894
CoForest	693.0	847.0	-	1
Rasco (NN)	1501.0	39.0	-	0
Rasco (C45)	1485.0	55.0	-	0
Rasco (NB)	1224.0	316.0	-	0.000138
Rasco (SMO)	1330.5	154.5	-	0
Co-Bagging (NN)	995.0	545.0	-	0.058843
Co-Bagging (NB)	1109.0	376.0	-	0.001578
Co-Bagging (SMO)	1006.0	479.0	-	0.022727
Rel-Rasco (NN)	1506.0	34.0	-	0
Rel-Rasco (C45)	1524.0	16.0	-	0
Rel-Rasco (NB)	1182.5	302.5	-	0.000147
Rel-Rasco (SMO)	1334.0	151.0	-	0
CLCC	1081.5	403.5	-	0.003395
APSSC	1096.0	444.0	-	0.006227
SNNRCE	885.5	654.5	-	0.328555
ADE-CoForest	967.0	518.0	-	0.052454

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)	[-0.00105 , 0.0346]	2
Self-Training (C45)	[0.00095 , 0.0102]	2
Self-Training (NB)	[0.0319 , 0.06685]	2
Self-Training (SMO)	[0.01 , 0.03775]	2
Co-Training (NN)	[0.0072 , 0.04265]	2
Co-Training (C45)	[0.0071 , 0.02115]	2
Co-Training (NB)	[0.01265 , 0.04585]	2
Co-Training (SMO)	[0.00385 , 0.03395]	2
Democratic-Co	[-0.00795 , 0.0107]	2
SETRED	[-0.0073 , 0.0263]	2
TriTraining (NN)	[-0.0058 , 0.02645]	2
TriTraining (C45)	[-0.0045 , 0.00025]	2
TriTraining (NB)	[0.0117 , 0.0462]	2
TriTraining (SMO)	[0.00635 , 0.0342]	2
DE-TriTraining (NN)	[0.0012 , 0.0331]	2
DE-TriTraining (C45)	[0.00765 , 0.0272]	2
DE-TriTraining (NB)	[0.0219 , 0.05295]	2
DE-TriTraining (SMO)	[0.00785 , 0.03735]	2
CoForest	[-0.01575 , 0.0078]	2
Rasco (NN)	[0.0691 , 0.10605]	2
Rasco (C45)	[0.03585 , 0.07435]	2
Rasco (NB)	[0.02815 , 0.07195]	2
Rasco (SMO)	[0.04395 , 0.0981]	2
Co-Bagging (NN)	[0.0028 , 0.0278]	2
Co-Bagging (NB)	[0.01475 , 0.04615]	2
Co-Bagging (SMO)	[0.0054 , 0.03335]	2
Rel-Rasco (NN)	[0.0744 , 0.1124]	2
Rel-Rasco (C45)	[0.04025 , 0.07405]	2
Rel-Rasco (NB)	[0.0305 , 0.0727]	2
Rel-Rasco (SMO)	[0.04515 , 0.0999]	2
CLCC	[0.01765 , 0.0753]	2
APSSC	[0.01855 , 0.0707]	2
SNNRCE	[-0.0072 , 0.0245]	2
ADE-CoForest	[0.00325 , 0.0403]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00455 , 0.0381]	2
Self-Training (C45)	[-0.0002 , 0.01175]	2
Self-Training (NB)	[0.029 , 0.0724]	2
Self-Training (SMO)	[0.0069 , 0.04015]	2
Co-Training (NN)	[0.0034 , 0.0497]	2
Co-Training (C45)	[0.00585 , 0.02235]	2
Co-Training (NB)	[0.00935 , 0.04995]	2
Co-Training (SMO)	[0.0007 , 0.03745]	2
Democratic-Co	[-0.01045 , 0.0131]	2
SETRED	[-0.01055 , 0.02925]	2
TriTraining (NN)	[-0.0099 , 0.0298]	2
TriTraining (C45)	[-0.00535 , 0.00065]	2
TriTraining (NB)	[0.00765 , 0.0498]	2
TriTraining (SMO)	[0.0041 , 0.03795]	2
DE-TriTraining (NN)	[-0.00245 , 0.03705]	2
DE-TriTraining (C45)	[0.0053 , 0.0292]	2
DE-TriTraining (NB)	[0.01905 , 0.05665]	2
DE-TriTraining (SMO)	[0.00425 , 0.04025]	2
CoForest	[-0.01895 , 0.01015]	2
Rasco (NN)	[0.0654 , 0.10995]	2
Rasco (C45)	[0.03315 , 0.0805]	2
Rasco (NB)	[0.02465 , 0.0756]	2
Rasco (SMO)	[0.04065 , 0.10445]	2
Co-Bagging (NN)	[-0.00055 , 0.03065]	2
Co-Bagging (NB)	[0.0125 , 0.04945]	2
Co-Bagging (SMO)	[0.00285 , 0.03655]	2
Rel-Rasco (NN)	[0.07075 , 0.11635]	2
Rel-Rasco (C45)	[0.03775 , 0.0778]	2
Rel-Rasco (NB)	[0.02625 , 0.07715]	2
Rel-Rasco (SMO)	[0.0419 , 0.1061]	2
CLCC	[0.0127 , 0.08175]	2
APSSC	[0.0131 , 0.07635]	2
SNNRCE	[-0.0108 , 0.0282]	2
ADE-CoForest	[-0.0002 , 0.046]	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)	628.0	912.0	-	1
Self-Training (C45)	452.0	1088.0	-	1
Self-Training (NB)	1167.0	373.0	-	0.000845
Self-Training (SMO)	656.5	883.5	-	1
Co-Training (NN)	650.5	889.5	-	1
Co-Training (C45)	603.0	937.0	-	1
Co-Training (NB)	529.5	955.5	-	1
Co-Training (SMO)	626.0	914.0	-	1
Democratic-Co	334.0	1206.0	-	1
SETRED	570.5	969.5	-	1
TriTraining (NN)	554.0	986.0	-	1
TriTraining (C45)	392.0	1148.0	-	1
TriTraining (NB)	390.5	1149.5	-	1
TriTraining (SMO)	677.0	863.0	-	1
DE-TriTraining (NN)	623.0	917.0	-	1
DE-TriTraining (C45)	591.0	949.0	-	1
DE-TriTraining (NB)	695.5	844.5	-	1
DE-TriTraining (SMO)	604.0	881.0	-	1
CoForest	472.5	1067.5	-	1
Rasco (NN)	1292.0	248.0	-	0.000012
Rasco (C45)	1000.0	485.0	-	0.026321
Rasco (NB)	957.0	528.0	-	0.064141
Rasco (SMO)	1091.0	449.0	-	0.007066
Co-Bagging (NN)	597.0	943.0	-	1
Co-Bagging (C45)	376.0	1109.0	-	1
Co-Bagging (SMO)	701.0	839.0	-	1
Rel-Rasco (NN)	1284.0	256.0	-	0.000016
Rel-Rasco (C45)	1032.0	453.0	-	0.012526
Rel-Rasco (NB)	886.0	654.0	-	0.329014
Rel-Rasco (SMO)	1057.0	483.0	-	0.016004
CLCC	866.0	674.0	-	0.418786
APSSC	794.0	746.0	-	0.837358
SNNRCE	531.0	1009.0	-	1
ADE-CoForest	628.0	912.0	-	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)	[-0.03975 , 0.0059]	2
Self-Training (C45)	[-0.04385 , -0.01125]	2
Self-Training (NB)	[0.00655 , 0.01875]	2
Self-Training (SMO)	[-0.03645 , 0.00925]	2
Co-Training (NN)	[-0.03375 , 0.01025]	2
Co-Training (C45)	[-0.03465 , 0.0028]	2
Co-Training (NB)	[-0.0108 , -0.0003]	2
Co-Training (SMO)	[-0.039 , 0.0062]	2
Democratic-Co	[-0.0482 , -0.01825]	2
SETRED	[-0.04555 , -0.0005]	2
TriTraining (NN)	[-0.0449 , -0.00195]	2
TriTraining (C45)	[-0.0501 , -0.01705]	2
TriTraining (NB)	[-0.01215 , -0.00415]	2
TriTraining (SMO)	[-0.03405 , 0.01045]	2
DE-TriTraining (NN)	[-0.0384 , 0.00535]	2
DE-TriTraining (C45)	[-0.0338 , 0.00155]	2
DE-TriTraining (NB)	[-0.01135 , 0.0062]	2
DE-TriTraining (SMO)	[-0.0343 , 0.00655]	2
CoForest	[-0.05415 , -0.01235]	2
Rasco (NN)	[0.0377 , 0.0785]	2
Rasco (C45)	[0.0062 , 0.05425]	2
Rasco (NB)	[0.0008 , 0.0225]	2
Rasco (SMO)	[0.01295 , 0.06195]	2
Co-Bagging (NN)	[-0.0375 , 0.0024]	2
Co-Bagging (C45)	[-0.04615 , -0.01475]	2
Co-Bagging (SMO)	[-0.02535 , 0.0133]	2
Rel-Rasco (NN)	[0.0407 , 0.08445]	2
Rel-Rasco (C45)	[0.0114 , 0.0565]	2
Rel-Rasco (NB)	[-0.0028 , 0.0183]	2
Rel-Rasco (SMO)	[0.012 , 0.0644]	2
CLCC	[-0.00985 , 0.02825]	2
APSSC	[-0.02395 , 0.03625]	2
SNNRCE	[-0.0459 , -0.00415]	2
ADE-CoForest	[-0.03205 , 0.0058]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0458 , 0.01]	2
Self-Training (C45)	[-0.0474 , -0.0077]	2
Self-Training (NB)	[0.00555 , 0.0199]	2
Self-Training (SMO)	[-0.04065 , 0.0166]	2
Co-Training (NN)	[-0.03825 , 0.01695]	2
Co-Training (C45)	[-0.03795 , 0.0062]	2
Co-Training (NB)	[-0.01195 , 0.00035]	2
Co-Training (SMO)	[-0.0445 , 0.01025]	2
Democratic-Co	[-0.05185 , -0.01515]	2
SETRED	[-0.05105 , 0.0035]	2
TriTraining (NN)	[-0.04875 , 0.0017]	2
TriTraining (C45)	[-0.05405 , -0.01465]	2
TriTraining (NB)	[-0.0131 , -0.003]	2
TriTraining (SMO)	[-0.038 , 0.0162]	2
DE-TriTraining (NN)	[-0.04265 , 0.0095]	2
DE-TriTraining (C45)	[-0.0378 , 0.0045]	2
DE-TriTraining (NB)	[-0.01265 , 0.0085]	2
DE-TriTraining (SMO)	[-0.03955 , 0.01085]	2
CoForest	[-0.0578 , -0.0076]	2
Rasco (NN)	[0.0349 , 0.08355]	2
Rasco (C45)	[0.0028 , 0.05995]	2
Rasco (NB)	[-0.00045 , 0.0254]	2
Rasco (SMO)	[0.00965 , 0.06735]	2
Co-Bagging (NN)	[-0.04245 , 0.0066]	2
Co-Bagging (C45)	[-0.04945 , -0.0125]	2
Co-Bagging (SMO)	[-0.029 , 0.017]	2
Rel-Rasco (NN)	[0.03695 , 0.0878]	2
Rel-Rasco (C45)	[0.00765 , 0.0613]	2
Rel-Rasco (NB)	[-0.0041 , 0.02235]	2
Rel-Rasco (SMO)	[0.0073 , 0.0692]	2
CLCC	[-0.014 , 0.03455]	2
APSSC	[-0.02855 , 0.04405]	2
SNNRCE	[-0.0508 , -0.0006]	2
ADE-CoForest	[-0.0359 , 0.0099]	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)	812.0	728.0	-	0.721774
Self-Training (C45)	561.0	924.0	-	1
Self-Training (NB)	990.0	550.0	-	0.064679
Self-Training (SMO)	805.5	679.5	-	0.584147
Co-Training (NN)	847.0	693.0	-	0.51568
Co-Training (C45)	716.0	824.0	-	1
Co-Training (NB)	818.5	721.5	-	0.681088
Co-Training (SMO)	595.0	890.0	-	1
Democratic-Co	539.5	1000.5	-	1
SETRED	769.0	771.0	-	1
TriTraining (NN)	711.5	773.5	-	1
TriTraining (C45)	467.5	1017.5	-	1
TriTraining (NB)	815.0	725.0	-	0.703037
TriTraining (SMO)	781.0	759.0	-	0.922999
DE-TriTraining (NN)	694.5	790.5	-	1
DE-TriTraining (C45)	639.0	846.0	-	1
DE-TriTraining (NB)	854.5	685.5	-	0.47543
DE-TriTraining (SMO)	681.0	804.0	-	1
CoForest	641.0	899.0	-	1
Rasco (NN)	1288.0	252.0	-	0.000014
Rasco (C45)	1066.0	474.0	-	0.012983
Rasco (NB)	924.0	616.0	-	0.195498
Rasco (SMO)	1162.0	323.0	-	0.000286
Co-Bagging (NN)	806.0	734.0	-	0.759744
Co-Bagging (C45)	479.0	1006.0	-	1
Co-Bagging (NB)	839.0	701.0	-	0.560358
Rel-Rasco (NN)	1307.0	233.0	-	0.000007
Rel-Rasco (C45)	1083.0	402.0	-	0.003324
Rel-Rasco (NB)	942.0	598.0	-	0.148374
Rel-Rasco (SMO)	1149.0	336.0	-	0.000451
CLCC	879.0	606.0	-	0.238159
APSSC	904.0	636.0	-	0.259779
SNNRCE	739.5	800.5	-	1
ADE-CoForest	787.5	752.5	-	0.880123

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)	[-0.0172 , 0.0174]	2
Self-Training (C45)	[-0.03605 , 0.00115]	2
Self-Training (NB)	[0.003 , 0.047]	2
Self-Training (SMO)	[-0.0038 , 0.01025]	2
Co-Training (NN)	[-0.01245 , 0.0229]	2
Co-Training (C45)	[-0.02065 , 0.0117]	2
Co-Training (NB)	[-0.0169 , 0.02405]	2
Co-Training (SMO)	[-0.01235 , 0.0011]	2
Democratic-Co	[-0.03335 , -0.00285]	2
SETRED	[-0.023 , 0.01305]	2
TriTraining (NN)	[-0.023 , 0.0115]	2
TriTraining (C45)	[-0.04265 , -0.00785]	2
TriTraining (NB)	[-0.0155 , 0.0237]	2
TriTraining (SMO)	[-0.0044 , 0.0057]	2
DE-TriTraining (NN)	[-0.0209 , 0.01295]	2
DE-TriTraining (C45)	[-0.02455 , 0.0076]	2
DE-TriTraining (NB)	[-0.0112 , 0.03215]	2
DE-TriTraining (SMO)	[-0.01685 , 0.00765]	2
CoForest	[-0.0356 , 0.0054]	2
Rasco (NN)	[0.04385 , 0.0809]	2
Rasco (C45)	[0.0135 , 0.0636]	2
Rasco (NB)	[-0.00475 , 0.047]	2
Rasco (SMO)	[0.0169 , 0.0538]	2
Co-Bagging (NN)	[-0.0166 , 0.01245]	2
Co-Bagging (C45)	[-0.03335 , -0.0054]	2
Co-Bagging (NB)	[-0.0133 , 0.02535]	2
Rel-Rasco (NN)	[0.04685 , 0.08775]	2
Rel-Rasco (C45)	[0.01685 , 0.06465]	2
Rel-Rasco (NB)	[-0.0043 , 0.04745]	2
Rel-Rasco (SMO)	[0.0187 , 0.06195]	2
CLCC	[-0.00655 , 0.0423]	2
APSSC	[-0.008 , 0.05015]	2
SNNRCE	[-0.02235 , 0.0087]	2
ADE-CoForest	[-0.0148 , 0.01865]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0224 , 0.0204]	2
Self-Training (C45)	[-0.0403 , 0.0041]	2
Self-Training (NB)	[-0.0018 , 0.0525]	2
Self-Training (SMO)	[-0.0057 , 0.01175]	2
Co-Training (NN)	[-0.01765 , 0.0259]	2
Co-Training (C45)	[-0.02395 , 0.01425]	2
Co-Training (NB)	[-0.02075 , 0.02915]	2
Co-Training (SMO)	[-0.01525 , 0.0027]	2
Democratic-Co	[-0.037 , 0.00025]	2
SETRED	[-0.0289 , 0.01495]	2
TriTraining (NN)	[-0.02715 , 0.0134]	2
TriTraining (C45)	[-0.04605 , -0.0044]	2
TriTraining (NB)	[-0.02065 , 0.02695]	2
TriTraining (SMO)	[-0.00605 , 0.0065]	2
DE-TriTraining (NN)	[-0.02545 , 0.0163]	2
DE-TriTraining (C45)	[-0.02785 , 0.01155]	2
DE-TriTraining (NB)	[-0.0163 , 0.0352]	2
DE-TriTraining (SMO)	[-0.01925 , 0.0104]	2
CoForest	[-0.0403 , 0.00865]	2
Rasco (NN)	[0.0392 , 0.0847]	2
Rasco (C45)	[0.009 , 0.0681]	2
Rasco (NB)	[-0.00945 , 0.0507]	2
Rasco (SMO)	[0.01455 , 0.0582]	2
Co-Bagging (NN)	[-0.02375 , 0.01495]	2
Co-Bagging (C45)	[-0.03655 , -0.00285]	2
Co-Bagging (NB)	[-0.017 , 0.029]	2
Rel-Rasco (NN)	[0.0431 , 0.09205]	2
Rel-Rasco (C45)	[0.0129 , 0.0696]	2
Rel-Rasco (NB)	[-0.01 , 0.05285]	2
Rel-Rasco (SMO)	[0.01585 , 0.06635]	2
CLCC	[-0.01045 , 0.04875]	2
APSSC	[-0.01345 , 0.0567]	2
SNNRCE	[-0.0283 , 0.01085]	2
ADE-CoForest	[-0.0188 , 0.02155]	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)	92.5	1392.5	-	1
Self-Training (C45)	60.5	1479.5	-	1
Self-Training (NB)	433.5	1106.5	-	1
Self-Training (SMO)	258.0	1282.0	-	1
Co-Training (NN)	192.5	1347.5	-	1
Co-Training (C45)	139.0	1401.0	-	1
Co-Training (NB)	268.5	1271.5	-	1
Co-Training (SMO)	184.0	1356.0	-	1
Democratic-Co	35.0	1450.0	-	1
SETRED	62.0	1423.0	-	1
TriTraining (NN)	133.0	1407.0	-	1
TriTraining (C45)	27.0	1513.0	-	1
TriTraining (NB)	256.0	1284.0	-	1
TriTraining (SMO)	204.0	1336.0	-	1
DE-TriTraining (NN)	133.5	1406.5	-	1
DE-TriTraining (C45)	133.0	1407.0	-	1
DE-TriTraining (NB)	283.0	1257.0	-	1
DE-TriTraining (SMO)	122.0	1418.0	-	1
CoForest	204.0	1336.0	-	1
Rasco (NN)	653.0	832.0	-	1
Rasco (C45)	376.0	1164.0	-	1
Rasco (NB)	371.0	1169.0	-	1
Rasco (SMO)	441.0	1099.0	-	1
Co-Bagging (NN)	66.0	1474.0	-	1
Co-Bagging (C45)	34.0	1506.0	-	1
Co-Bagging (NB)	256.0	1284.0	-	1
Co-Bagging (SMO)	233.0	1307.0	-	1
Rel-Rasco (C45)	390.0	1095.0	-	1
Rel-Rasco (NB)	390.0	1095.0	-	1
Rel-Rasco (SMO)	399.5	1085.5	-	1
CLCC	471.0	1069.0	-	1
APSSC	442.0	1098.0	-	1
SNNRCE	41.0	1499.0	-	1
ADE-CoForest	302.0	1238.0	-	1

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

28.2 Confidence intervals for Median of differences

$\alpha=0.90$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0951 , -0.04315]	2
Self-Training (C45)	[-0.10585 , -0.06715]	2
Self-Training (NB)	[-0.06695 , -0.0174]	2
Self-Training (SMO)	[-0.0889 , -0.04415]	2
Co-Training (NN)	[-0.08405 , -0.03935]	2
Co-Training (C45)	[-0.0946 , -0.05535]	2
Co-Training (NB)	[-0.08915 , -0.0356]	2
Co-Training (SMO)	[-0.0978 , -0.05245]	2
Democratic-Co	[-0.115 , -0.068]	2
SETRED	[-0.10275 , -0.0491]	2
TriTraining (NN)	[-0.10615 , -0.04865]	2
TriTraining (C45)	[-0.11295 , -0.0778]	2
TriTraining (NB)	[-0.08985 , -0.04085]	2
TriTraining (SMO)	[-0.09305 , -0.0498]	2
DE-TriTraining (NN)	[-0.0854 , -0.0464]	2
DE-TriTraining (C45)	[-0.08585 , -0.04845]	2
DE-TriTraining (NB)	[-0.0732 , -0.03265]	2
DE-TriTraining (SMO)	[-0.0854 , -0.04835]	2
CoForest	[-0.1106 , -0.06765]	2
Rasco (NN)	[-0.0076 , 0.00175]	2
Rasco (C45)	[-0.04845 , -0.0186]	2
Rasco (NB)	[-0.0654 , -0.02615]	2
Rasco (SMO)	[-0.04195 , -0.01025]	2
Co-Bagging (NN)	[-0.0896 , -0.0521]	2
Co-Bagging (C45)	[-0.1124 , -0.0744]	2
Co-Bagging (NB)	[-0.08445 , -0.0407]	2
Co-Bagging (SMO)	[-0.08775 , -0.04685]	2
Rel-Rasco (C45)	[-0.0471 , -0.01345]	2
Rel-Rasco (NB)	[-0.06865 , -0.02115]	2
Rel-Rasco (SMO)	[-0.042 , -0.01395]	2
CLCC	[-0.06675 , -0.01515]	2
APSSC	[-0.0788 , -0.022]	2
SNNRCE	[-0.10415 , -0.0499]	2
ADE-CoForest	[-0.0769 , -0.0384]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1019 , -0.0403]	2
Self-Training (C45)	[-0.11 , -0.0638]	2
Self-Training (NB)	[-0.0721 , -0.01315]	2
Self-Training (SMO)	[-0.094 , -0.0413]	2
Co-Training (NN)	[-0.08855 , -0.037]	2
Co-Training (C45)	[-0.0982 , -0.04955]	2
Co-Training (NB)	[-0.09615 , -0.03315]	2
Co-Training (SMO)	[-0.10245 , -0.04825]	2
Democratic-Co	[-0.1214 , -0.06405]	2
SETRED	[-0.1077 , -0.0465]	2
TriTraining (NN)	[-0.1147 , -0.04525]	2
TriTraining (C45)	[-0.11715 , -0.07385]	2
TriTraining (NB)	[-0.09675 , -0.03685]	2
TriTraining (SMO)	[-0.09995 , -0.04575]	2
DE-TriTraining (NN)	[-0.08965 , -0.0435]	2
DE-TriTraining (C45)	[-0.09205 , -0.04495]	2
DE-TriTraining (NB)	[-0.0773 , -0.028]	2
DE-TriTraining (SMO)	[-0.08895 , -0.04515]	2
CoForest	[-0.1163 , -0.0646]	2
Rasco (NN)	[-0.00885 , 0.0023]	2
Rasco (C45)	[-0.0516 , -0.0141]	2
Rasco (NB)	[-0.0703 , -0.0222]	2
Rasco (SMO)	[-0.04475 , -0.0074]	2
Co-Bagging (NN)	[-0.0954 , -0.0492]	2
Co-Bagging (C45)	[-0.11635 , -0.07075]	2
Co-Bagging (NB)	[-0.0878 , -0.03695]	2
Co-Bagging (SMO)	[-0.09205 , -0.0431]	2
Rel-Rasco (C45)	[-0.05 , -0.0102]	2
Rel-Rasco (NB)	[-0.0734 , -0.0164]	2
Rel-Rasco (SMO)	[-0.0442 , -0.01015]	2
CLCC	[-0.07085 , -0.0101]	2
APSSC	[-0.08545 , -0.016]	2
SNNRCE	[-0.10895 , -0.0462]	2
ADE-CoForest	[-0.08075 , -0.03435]	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)	467.0	1073.0	-	1
Self-Training (C45)	73.5	1466.5	-	1
Self-Training (NB)	639.0	846.0	-	1
Self-Training (SMO)	480.0	1060.0	-	1
Co-Training (NN)	518.5	1021.5	-	1
Co-Training (C45)	156.5	1383.5	-	1
Co-Training (NB)	480.5	1004.5	-	1
Co-Training (SMO)	394.0	1146.0	-	1
Democratic-Co	202.0	1338.0	-	1
SETRED	421.0	1119.0	-	1
TriTraining (NN)	406.0	1134.0	-	1
TriTraining (C45)	30.0	1510.0	-	1
TriTraining (NB)	487.5	1052.5	-	1
TriTraining (SMO)	397.0	1143.0	-	1
DE-TriTraining (NN)	379.0	1161.0	-	1
DE-TriTraining (C45)	261.0	1279.0	-	1
DE-TriTraining (NB)	476.0	1064.0	-	1
DE-TriTraining (SMO)	340.0	1145.0	-	1
CoForest	354.0	1186.0	-	1
Rasco (NN)	1063.0	477.0	-	0.013928
Rasco (C45)	682.0	803.0	-	1
Rasco (NB)	615.0	925.0	-	1
Rasco (SMO)	801.0	739.0	-	0.791838
Co-Bagging (NN)	388.0	1152.0	-	1
Co-Bagging (C45)	16.0	1524.0	-	1
Co-Bagging (NB)	453.0	1032.0	-	1
Co-Bagging (SMO)	402.0	1083.0	-	1
Rel-Rasco (NN)	1095.0	390.0	-	0.00237
Rel-Rasco (NB)	635.0	905.0	-	1
Rel-Rasco (SMO)	795.5	744.5	-	0.827374
CLCC	688.0	852.0	-	1
APSSC	668.0	872.0	-	1
SNNRCE	361.0	1124.0	-	1
ADE-CoForest	509.0	1031.0	-	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)	[-0.07395 , -0.0156]	2
Self-Training (C45)	[-0.0692 , -0.03475]	2
Self-Training (NB)	[-0.0375 , 0.01135]	2
Self-Training (SMO)	[-0.06295 , -0.0129]	2
Co-Training (NN)	[-0.06765 , -0.011]	2
Co-Training (C45)	[-0.0497 , -0.02305]	2
Co-Training (NB)	[-0.06285 , -0.00935]	2
Co-Training (SMO)	[-0.0686 , -0.0199]	2
Democratic-Co	[-0.0755 , -0.03635]	2
SETRED	[-0.08265 , -0.0241]	2
TriTraining (NN)	[-0.082 , -0.02335]	2
TriTraining (C45)	[-0.07605 , -0.04455]	2
TriTraining (NB)	[-0.0591 , -0.0099]	2
TriTraining (SMO)	[-0.06775 , -0.02095]	2
DE-TriTraining (NN)	[-0.0652 , -0.0266]	2
DE-TriTraining (C45)	[-0.0507 , -0.02285]	2
DE-TriTraining (NB)	[-0.04585 , -0.01005]	2
DE-TriTraining (SMO)	[-0.0638 , -0.02495]	2
CoForest	[-0.07705 , -0.0337]	2
Rasco (NN)	[0.00825 , 0.03965]	2
Rasco (C45)	[-0.0049 , 0.0028]	2
Rasco (NB)	[-0.0425 , 0.00465]	2
Rasco (SMO)	[-0.014 , 0.02065]	2
Co-Bagging (NN)	[-0.0717 , -0.02325]	2
Co-Bagging (C45)	[-0.07405 , -0.04025]	2
Co-Bagging (NB)	[-0.0565 , -0.0114]	2
Co-Bagging (SMO)	[-0.06465 , -0.01685]	2
Rel-Rasco (NN)	[0.01345 , 0.0471]	2
Rel-Rasco (NB)	[-0.04135 , 0.00735]	2
Rel-Rasco (SMO)	[-0.014 , 0.0177]	2
CLCC	[-0.0374 , 0.0194]	2
APSSC	[-0.0491 , 0.0157]	2
SNNRCE	[-0.0791 , -0.02655]	2
ADE-CoForest	[-0.05955 , -0.0113]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0798 , -0.01105]	2
Self-Training (C45)	[-0.0723 , -0.0321]	2
Self-Training (NB)	[-0.0434 , 0.01605]	2
Self-Training (SMO)	[-0.06815 , -0.0081]	2
Co-Training (NN)	[-0.07445 , -0.0034]	2
Co-Training (C45)	[-0.05435 , -0.021]	2
Co-Training (NB)	[-0.0682 , -0.0044]	2
Co-Training (SMO)	[-0.07495 , -0.0157]	2
Democratic-Co	[-0.0814 , -0.03405]	2
SETRED	[-0.09135 , -0.0192]	2
TriTraining (NN)	[-0.0888 , -0.0191]	2
TriTraining (C45)	[-0.0809 , -0.0403]	2
TriTraining (NB)	[-0.0654 , -0.00615]	2
TriTraining (SMO)	[-0.072 , -0.0165]	2
DE-TriTraining (NN)	[-0.0694 , -0.0217]	2
DE-TriTraining (C45)	[-0.05595 , -0.01955]	2
DE-TriTraining (NB)	[-0.0499 , -0.00615]	2
DE-TriTraining (SMO)	[-0.06965 , -0.02055]	2
CoForest	[-0.08175 , -0.03045]	2
Rasco (NN)	[0.0055 , 0.0434]	2
Rasco (C45)	[-0.0059 , 0.0037]	2
Rasco (NB)	[-0.0481 , 0.01025]	2
Rasco (SMO)	[-0.0178 , 0.0239]	2
Co-Bagging (NN)	[-0.07685 , -0.0187]	2
Co-Bagging (C45)	[-0.0778 , -0.03775]	2
Co-Bagging (NB)	[-0.0613 , -0.00765]	2
Co-Bagging (SMO)	[-0.0696 , -0.0129]	2
Rel-Rasco (NN)	[0.0102 , 0.05]	2
Rel-Rasco (NB)	[-0.0482 , 0.01285]	2
Rel-Rasco (SMO)	[-0.0172 , 0.0215]	2
CLCC	[-0.0434 , 0.0261]	2
APSSC	[-0.0574 , 0.01995]	2
SNNRCE	[-0.08675 , -0.0209]	2
ADE-CoForest	[-0.0647 , -0.0054]	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)	525.0	1015.0	-	1
Self-Training (C45)	353.0	1187.0	-	1
Self-Training (NB)	942.5	597.5	-	0.146354
Self-Training (SMO)	556.0	984.0	-	1
Co-Training (NN)	591.5	948.5	-	1
Co-Training (C45)	462.5	1077.5	-	1
Co-Training (NB)	427.0	1058.0	-	1
Co-Training (SMO)	498.0	987.0	-	1
Democratic-Co	239.5	1245.5	-	1
SETRED	483.0	1057.0	-	1
TriTraining (NN)	477.0	1063.0	-	1
TriTraining (C45)	292.0	1193.0	-	1
TriTraining (NB)	432.5	1107.5	-	1
TriTraining (SMO)	560.0	980.0	-	1
DE-TriTraining (NN)	505.0	1035.0	-	1
DE-TriTraining (C45)	452.0	1033.0	-	1
DE-TriTraining (NB)	510.0	1030.0	-	1
DE-TriTraining (SMO)	478.0	1062.0	-	1
CoForest	440.0	1100.0	-	1
Rasco (NN)	1127.0	413.0	-	0.002741
Rasco (C45)	884.5	655.5	-	0.334774
Rasco (NB)	936.0	549.0	-	0.093779
Rasco (SMO)	958.0	582.0	-	0.113496
Co-Bagging (NN)	471.0	1069.0	-	1
Co-Bagging (C45)	302.5	1182.5	-	1
Co-Bagging (NB)	654.0	886.0	-	1
Co-Bagging (SMO)	598.0	942.0	-	1
Rel-Rasco (NN)	1095.0	390.0	-	0.00237
Rel-Rasco (C45)	905.0	635.0	-	0.256252
Rel-Rasco (SMO)	936.0	604.0	-	0.163007
CLCC	758.0	782.0	-	1
APSSC	735.0	805.0	-	1
SNNRCE	449.0	1036.0	-	1
ADE-CoForest	585.5	954.5	-	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)	[-0.06385 , -0.00655]	2
Self-Training (C45)	[-0.06635 , -0.0253]	2
Self-Training (NB)	[-0.00125 , 0.0188]	2
Self-Training (SMO)	[-0.05485 , -0.0021]	2
Co-Training (NN)	[-0.05135 , 0.00245]	2
Co-Training (C45)	[-0.0546 , -0.0124]	2
Co-Training (NB)	[-0.03075 , -0.004]	2
Co-Training (SMO)	[-0.05975 , -0.00635]	2
Democratic-Co	[-0.071 , -0.0345]	2
SETRED	[-0.07035 , -0.0101]	2
TriTraining (NN)	[-0.069 , -0.01175]	2
TriTraining (C45)	[-0.0746 , -0.0322]	2
TriTraining (NB)	[-0.0247 , -0.0034]	2
TriTraining (SMO)	[-0.05555 , -0.0022]	2
DE-TriTraining (NN)	[-0.05155 , -0.0068]	2
DE-TriTraining (C45)	[-0.05295 , -0.0104]	2
DE-TriTraining (NB)	[-0.0224 , -0.0028]	2
DE-TriTraining (SMO)	[-0.04855 , -0.0102]	2
CoForest	[-0.07425 , -0.0204]	2
Rasco (NN)	[0.019 , 0.0647]	2
Rasco (C45)	[-0.00985 , 0.03545]	2
Rasco (NB)	[0.00005 , 0.0072]	2
Rasco (SMO)	[-0.0013 , 0.04845]	2
Co-Bagging (NN)	[-0.05935 , -0.01175]	2
Co-Bagging (C45)	[-0.0727 , -0.0305]	2
Co-Bagging (NB)	[-0.0183 , 0.0028]	2
Co-Bagging (SMO)	[-0.04745 , 0.0043]	2
Rel-Rasco (NN)	[0.02115 , 0.06865]	2
Rel-Rasco (C45)	[-0.00735 , 0.04135]	2
Rel-Rasco (SMO)	[-0.00375 , 0.0474]	2
CLCC	[-0.0247 , 0.01745]	2
APSSC	[-0.03475 , 0.024]	2
SNNRCE	[-0.0704 , -0.01445]	2
ADE-CoForest	[-0.044 , 0.00125]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.07075 , -0.00145]	2
Self-Training (C45)	[-0.071 , -0.02165]	2
Self-Training (NB)	[-0.0037 , 0.02025]	2
Self-Training (SMO)	[-0.0616 , 0.00265]	2
Co-Training (NN)	[-0.05775 , 0.008]	2
Co-Training (C45)	[-0.0596 , -0.00935]	2
Co-Training (NB)	[-0.0343 , -0.003]	2
Co-Training (SMO)	[-0.0653 , -0.00205]	2
Democratic-Co	[-0.0763 , -0.03145]	2
SETRED	[-0.07855 , -0.00715]	2
TriTraining (NN)	[-0.0774 , -0.00735]	2
TriTraining (C45)	[-0.0803 , -0.02725]	2
TriTraining (NB)	[-0.03245 , -0.0023]	2
TriTraining (SMO)	[-0.05965 , 0.0038]	2
DE-TriTraining (NN)	[-0.0559 , -0.003]	2
DE-TriTraining (C45)	[-0.0572 , -0.0067]	2
DE-TriTraining (NB)	[-0.02475 , -0.0011]	2
DE-TriTraining (SMO)	[-0.0527 , -0.006]	2
CoForest	[-0.08085 , -0.01385]	2
Rasco (NN)	[0.0142 , 0.0682]	2
Rasco (C45)	[-0.0138 , 0.04115]	2
Rasco (NB)	[-0.00055 , 0.0082]	2
Rasco (SMO)	[-0.00585 , 0.055]	2
Co-Bagging (NN)	[-0.0639 , -0.00755]	2
Co-Bagging (C45)	[-0.07715 , -0.02625]	2
Co-Bagging (NB)	[-0.02235 , 0.0041]	2
Co-Bagging (SMO)	[-0.05285 , 0.01]	2
Rel-Rasco (NN)	[0.0164 , 0.0734]	2
Rel-Rasco (C45)	[-0.01285 , 0.0482]	2
Rel-Rasco (SMO)	[-0.00795 , 0.05375]	2
CLCC	[-0.02885 , 0.02165]	2
APSSC	[-0.0413 , 0.03285]	2
SNNRCE	[-0.07715 , -0.0098]	2
ADE-CoForest	[-0.04865 , 0.0066]	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)	402.0	1083.0	-	1
Self-Training (C45)	216.0	1269.0	-	1
Self-Training (NB)	647.0	893.0	-	1
Self-Training (SMO)	320.5	1219.5	-	1
Co-Training (NN)	478.0	1062.0	-	1
Co-Training (C45)	274.0	1211.0	-	1
Co-Training (NB)	486.0	1054.0	-	1
Co-Training (SMO)	260.0	1280.0	-	1
Democratic-Co	239.0	1246.0	-	1
SETRED	348.5	1136.5	-	1
TriTraining (NN)	358.5	1126.5	-	1
TriTraining (C45)	139.0	1346.0	-	1
TriTraining (NB)	497.0	1043.0	-	1
TriTraining (SMO)	302.0	1238.0	-	1
DE-TriTraining (NN)	357.0	1128.0	-	1
DE-TriTraining (C45)	340.0	1145.0	-	1
DE-TriTraining (NB)	509.0	1031.0	-	1
DE-TriTraining (SMO)	312.0	1173.0	-	1
CoForest	370.0	1115.0	-	1
Rasco (NN)	1053.0	432.0	-	0.007348
Rasco (C45)	701.0	839.0	-	1
Rasco (NB)	590.0	950.0	-	1
Rasco (SMO)	777.5	707.5	-	0.758602
Co-Bagging (NN)	350.0	1190.0	-	1
Co-Bagging (C45)	151.0	1334.0	-	1
Co-Bagging (NB)	483.0	1057.0	-	1
Co-Bagging (SMO)	336.0	1149.0	-	1
Rel-Rasco (NN)	1085.5	399.5	-	0.0031
Rel-Rasco (C45)	744.5	795.5	-	1
Rel-Rasco (NB)	604.0	936.0	-	1
CLCC	676.5	863.5	-	1
APSSC	615.0	925.0	-	1
SNNRCE	358.0	1182.0	-	1
ADE-CoForest	478.5	1006.5	-	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)	[-0.087 , -0.0203]	2
Self-Training (C45)	[-0.09415 , -0.03875]	2
Self-Training (NB)	[-0.04295 , 0.0095]	2
Self-Training (SMO)	[-0.066 , -0.0166]	2
Co-Training (NN)	[-0.07585 , -0.015]	2
Co-Training (C45)	[-0.0778 , -0.0307]	2
Co-Training (NB)	[-0.0709 , -0.01235]	2
Co-Training (SMO)	[-0.07175 , -0.02475]	2
Democratic-Co	[-0.09915 , -0.044]	2
SETRED	[-0.09455 , -0.02875]	2
TriTraining (NN)	[-0.0981 , -0.0267]	2
TriTraining (C45)	[-0.0984 , -0.05225]	2
TriTraining (NB)	[-0.07135 , -0.01015]	2
TriTraining (SMO)	[-0.06205 , -0.02025]	2
DE-TriTraining (NN)	[-0.07975 , -0.02495]	2
DE-TriTraining (C45)	[-0.08165 , -0.02585]	2
DE-TriTraining (NB)	[-0.0624 , -0.00725]	2
DE-TriTraining (SMO)	[-0.0752 , -0.0277]	2
CoForest	[-0.09205 , -0.03575]	2
Rasco (NN)	[0.0111 , 0.03635]	2
Rasco (C45)	[-0.0208 , 0.0098]	2
Rasco (NB)	[-0.0435 , 0.00175]	2
Rasco (SMO)	[-0.00365 , 0.0069]	2
Co-Bagging (NN)	[-0.0792 , -0.02525]	2
Co-Bagging (C45)	[-0.0999 , -0.04515]	2
Co-Bagging (NB)	[-0.0644 , -0.012]	2
Co-Bagging (SMO)	[-0.06195 , -0.0187]	2
Rel-Rasco (NN)	[0.01395 , 0.042]	2
Rel-Rasco (C45)	[-0.0177 , 0.014]	2
Rel-Rasco (NB)	[-0.0474 , 0.00375]	2
CLCC	[-0.05215 , 0.01725]	2
APSSC	[-0.0577 , 0.00655]	2
SNNRCE	[-0.09545 , -0.0306]	2
ADE-CoForest	[-0.0726 , -0.01175]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.09425 , -0.0145]	2
Self-Training (C45)	[-0.10075 , -0.035]	2
Self-Training (NB)	[-0.04935 , 0.0154]	2
Self-Training (SMO)	[-0.07035 , -0.0147]	2
Co-Training (NN)	[-0.0827 , -0.00925]	2
Co-Training (C45)	[-0.0846 , -0.02715]	2
Co-Training (NB)	[-0.0763 , -0.0063]	2
Co-Training (SMO)	[-0.077 , -0.02095]	2
Democratic-Co	[-0.1061 , -0.0378]	2
SETRED	[-0.101 , -0.023]	2
TriTraining (NN)	[-0.1039 , -0.02165]	2
TriTraining (C45)	[-0.1032 , -0.04935]	2
TriTraining (NB)	[-0.0766 , -0.0052]	2
TriTraining (SMO)	[-0.0675 , -0.01745]	2
DE-TriTraining (NN)	[-0.08635 , -0.02015]	2
DE-TriTraining (C45)	[-0.0869 , -0.02295]	2
DE-TriTraining (NB)	[-0.0684 , -0.00375]	2
DE-TriTraining (SMO)	[-0.08085 , -0.02305]	2
CoForest	[-0.10145 , -0.02935]	2
Rasco (NN)	[0.0075 , 0.0388]	2
Rasco (C45)	[-0.0247 , 0.013]	2
Rasco (NB)	[-0.04905 , 0.00695]	2
Rasco (SMO)	[-0.00545 , 0.0082]	2
Co-Bagging (NN)	[-0.08885 , -0.0207]	2
Co-Bagging (C45)	[-0.1061 , -0.0419]	2
Co-Bagging (NB)	[-0.0692 , -0.0073]	2
Co-Bagging (SMO)	[-0.06635 , -0.01585]	2
Rel-Rasco (NN)	[0.01015 , 0.0442]	2
Rel-Rasco (C45)	[-0.0215 , 0.0172]	2
Rel-Rasco (NB)	[-0.05375 , 0.00795]	2
CLCC	[-0.059 , 0.0236]	2
APSSC	[-0.0656 , 0.0131]	2
SNNRCE	[-0.10135 , -0.02465]	2
ADE-CoForest	[-0.07815 , -0.00575]	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)	532.5	952.5	-	1
Self-Training (C45)	423.5	1061.5	-	1
Self-Training (NB)	867.5	672.5	-	0.41061
Self-Training (SMO)	586.0	899.0	-	1
Co-Training (NN)	642.0	898.0	-	1
Co-Training (C45)	567.5	972.5	-	1
Co-Training (NB)	626.0	859.0	-	1
Co-Training (SMO)	582.0	958.0	-	1
Democratic-Co	331.0	1154.0	-	1
SETRED	481.0	1059.0	-	1
TriTraining (NN)	495.5	989.5	-	1
TriTraining (C45)	361.0	1124.0	-	1
TriTraining (NB)	656.0	884.0	-	1
TriTraining (SMO)	592.0	893.0	-	1
DE-TriTraining (NN)	472.0	1013.0	-	1
DE-TriTraining (C45)	506.5	1033.5	-	1
DE-TriTraining (NB)	658.0	882.0	-	1
DE-TriTraining (SMO)	528.0	957.0	-	1
CoForest	465.0	1075.0	-	1
Rasco (NN)	1057.0	483.0	-	0.015893
Rasco (C45)	805.0	735.0	-	0.766132
Rasco (NB)	790.0	750.0	-	0.863626
Rasco (SMO)	847.0	638.0	-	0.365957
Co-Bagging (NN)	493.5	1046.5	-	1
Co-Bagging (C45)	403.5	1081.5	-	1
Co-Bagging (NB)	674.0	866.0	-	1
Co-Bagging (SMO)	606.0	879.0	-	1
Rel-Rasco (NN)	1069.0	471.0	-	0.012094
Rel-Rasco (C45)	852.0	688.0	-	0.489421
Rel-Rasco (NB)	782.0	758.0	-	0.916589
Rel-Rasco (SMO)	863.5	676.5	-	0.43094
APSSC	666.0	874.0	-	1
SNNRCE	484.0	1056.0	-	1
ADE-CoForest	599.5	885.5	-	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)	[-0.05695 , -0.00135]	2
Self-Training (C45)	[-0.0649 , -0.0143]	2
Self-Training (NB)	[-0.0088 , 0.02355]	2
Self-Training (SMO)	[-0.0475 , 0.00465]	2
Co-Training (NN)	[-0.042 , 0.0077]	2
Co-Training (C45)	[-0.05355 , -0.00065]	2
Co-Training (NB)	[-0.0258 , 0.00635]	2
Co-Training (SMO)	[-0.0605 , 0.00065]	2
Democratic-Co	[-0.06645 , -0.01665]	2
SETRED	[-0.06305 , -0.01105]	2
TriTraining (NN)	[-0.0618 , -0.00645]	2
TriTraining (C45)	[-0.07475 , -0.02195]	2
TriTraining (NB)	[-0.0292 , 0.00835]	2
TriTraining (SMO)	[-0.0511 , 0.00485]	2
DE-TriTraining (NN)	[-0.03845 , -0.00455]	2
DE-TriTraining (C45)	[-0.04025 , -0.0057]	2
DE-TriTraining (NB)	[-0.0223 , 0.00605]	2
DE-TriTraining (SMO)	[-0.04025 , -0.00185]	2
CoForest	[-0.0538 , -0.01025]	2
Rasco (NN)	[0.0128 , 0.0591]	2
Rasco (C45)	[-0.02425 , 0.03185]	2
Rasco (NB)	[-0.01845 , 0.02355]	2
Rasco (SMO)	[-0.01635 , 0.049]	2
Co-Bagging (NN)	[-0.04725 , -0.00595]	2
Co-Bagging (C45)	[-0.0753 , -0.01765]	2
Co-Bagging (NB)	[-0.02825 , 0.00985]	2
Co-Bagging (SMO)	[-0.0423 , 0.00655]	2
Rel-Rasco (NN)	[0.01515 , 0.06675]	2
Rel-Rasco (C45)	[-0.0194 , 0.0374]	2
Rel-Rasco (NB)	[-0.01745 , 0.0247]	2
Rel-Rasco (SMO)	[-0.01725 , 0.05215]	2
APSSC	[-0.0381 , 0.0126]	2
SNNRCE	[-0.05735 , -0.00915]	2
ADE-CoForest	[-0.0208 , 0.0028]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0621 , 0.0019]	2
Self-Training (C45)	[-0.07115 , -0.0105]	2
Self-Training (NB)	[-0.01315 , 0.02545]	2
Self-Training (SMO)	[-0.0529 , 0.00945]	2
Co-Training (NN)	[-0.05 , 0.01175]	2
Co-Training (C45)	[-0.06175 , 0.0032]	2
Co-Training (NB)	[-0.0292 , 0.0092]	2
Co-Training (SMO)	[-0.0688 , 0.00555]	2
Democratic-Co	[-0.07665 , -0.01375]	2
SETRED	[-0.0702 , -0.0057]	2
TriTraining (NN)	[-0.06905 , -0.0031]	2
TriTraining (C45)	[-0.08205 , -0.0181]	2
TriTraining (NB)	[-0.0326 , 0.0117]	2
TriTraining (SMO)	[-0.061 , 0.01045]	2
DE-TriTraining (NN)	[-0.04345 , -0.0027]	2
DE-TriTraining (C45)	[-0.0452 , -0.00235]	2
DE-TriTraining (NB)	[-0.0259 , 0.0093]	2
DE-TriTraining (SMO)	[-0.04575 , 0.0009]	2
CoForest	[-0.0596 , -0.0062]	2
Rasco (NN)	[0.0084 , 0.06325]	2
Rasco (C45)	[-0.0297 , 0.0386]	2
Rasco (NB)	[-0.0231 , 0.02905]	2
Rasco (SMO)	[-0.0236 , 0.05725]	2
Co-Bagging (NN)	[-0.05395 , -0.0026]	2
Co-Bagging (C45)	[-0.08175 , -0.0127]	2
Co-Bagging (NB)	[-0.03455 , 0.014]	2
Co-Bagging (SMO)	[-0.04875 , 0.01045]	2
Rel-Rasco (NN)	[0.0101 , 0.07085]	2
Rel-Rasco (C45)	[-0.0261 , 0.0434]	2
Rel-Rasco (NB)	[-0.02165 , 0.02885]	2
Rel-Rasco (SMO)	[-0.0236 , 0.059]	2
APSSC	[-0.04405 , 0.0185]	2
SNNRCE	[-0.0643 , -0.00575]	2
ADE-CoForest	[-0.0241 , 0.00445]	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)	510.0	1030.0	-	1
Self-Training (C45)	477.0	1063.0	-	1
Self-Training (NB)	848.0	692.0	-	0.510721
Self-Training (SMO)	634.0	906.0	-	1
Co-Training (NN)	627.0	913.0	-	1
Co-Training (C45)	593.0	947.0	-	1
Co-Training (NB)	716.5	823.5	-	1
Co-Training (SMO)	561.5	978.5	-	1
Democratic-Co	379.5	1105.5	-	1
SETRED	390.0	1095.0	-	1
TriTraining (NN)	401.5	1083.5	-	1
TriTraining (C45)	410.0	1130.0	-	1
TriTraining (NB)	718.0	822.0	-	1
TriTraining (SMO)	622.0	918.0	-	1
DE-TriTraining (NN)	513.0	1027.0	-	1
DE-TriTraining (C45)	520.0	1020.0	-	1
DE-TriTraining (NB)	759.5	780.5	-	1
DE-TriTraining (SMO)	495.0	1045.0	-	1
CoForest	544.0	941.0	-	1
Rasco (NN)	1088.0	452.0	-	0.007618
Rasco (C45)	837.0	703.0	-	0.571698
Rasco (NB)	825.0	715.0	-	0.641925
Rasco (SMO)	872.0	613.0	-	0.263
Co-Bagging (NN)	462.0	1023.0	-	1
Co-Bagging (C45)	444.0	1096.0	-	1
Co-Bagging (NB)	746.0	794.0	-	1
Co-Bagging (SMO)	636.0	904.0	-	1
Rel-Rasco (NN)	1098.0	442.0	-	0.005917
Rel-Rasco (C45)	872.0	668.0	-	0.39045
Rel-Rasco (NB)	805.0	735.0	-	0.766132
Rel-Rasco (SMO)	925.0	615.0	-	0.192155
CLCC	874.0	666.0	-	0.380272
SNNRCE	445.0	1095.0	-	1
ADE-CoForest	665.0	875.0	-	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)	[-0.04235 , -0.00565]	2
Self-Training (C45)	[-0.0651 , -0.01315]	2
Self-Training (NB)	[-0.02035 , 0.04265]	2
Self-Training (SMO)	[-0.0432 , 0.00605]	2
Co-Training (NN)	[-0.04 , 0.00635]	2
Co-Training (C45)	[-0.05305 , 0.0032]	2
Co-Training (NB)	[-0.03605 , 0.0171]	2
Co-Training (SMO)	[-0.05205 , -0.0014]	2
Democratic-Co	[-0.06655 , -0.01705]	2
SETRED	[-0.05065 , -0.01305]	2
TriTraining (NN)	[-0.05025 , -0.01245]	2
TriTraining (C45)	[-0.0715 , -0.02]	2
TriTraining (NB)	[-0.03955 , 0.0181]	2
TriTraining (SMO)	[-0.05015 , 0.0059]	2
DE-TriTraining (NN)	[-0.04015 , -0.00555]	2
DE-TriTraining (C45)	[-0.0496 , -0.006]	2
DE-TriTraining (NB)	[-0.03515 , 0.02195]	2
DE-TriTraining (SMO)	[-0.05 , -0.0082]	2
CoForest	[-0.0548 , -0.00145]	2
Rasco (NN)	[0.01955 , 0.07135]	2
Rasco (C45)	[-0.0199 , 0.0432]	2
Rasco (NB)	[-0.0192 , 0.0377]	2
Rasco (SMO)	[-0.0099 , 0.0554]	2
Co-Bagging (NN)	[-0.04375 , -0.0079]	2
Co-Bagging (C45)	[-0.0707 , -0.01855]	2
Co-Bagging (NB)	[-0.03625 , 0.02395]	2
Co-Bagging (SMO)	[-0.05015 , 0.008]	2
Rel-Rasco (NN)	[0.022 , 0.0788]	2
Rel-Rasco (C45)	[-0.0157 , 0.0491]	2
Rel-Rasco (NB)	[-0.024 , 0.03475]	2
Rel-Rasco (SMO)	[-0.00655 , 0.0577]	2
CLCC	[-0.0126 , 0.0381]	2
SNNRCE	[-0.0485 , -0.0117]	2
ADE-CoForest	[-0.0345 , 0.0106]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04605 , -0.0028]	2
Self-Training (C45)	[-0.0711 , -0.00835]	2
Self-Training (NB)	[-0.0277 , 0.0482]	2
Self-Training (SMO)	[-0.04705 , 0.00985]	2
Co-Training (NN)	[-0.0433 , 0.0107]	2
Co-Training (C45)	[-0.06205 , 0.00875]	2
Co-Training (NB)	[-0.0437 , 0.02245]	2
Co-Training (SMO)	[-0.05765 , 0.00215]	2
Democratic-Co	[-0.0744 , -0.0128]	2
SETRED	[-0.055 , -0.01035]	2
TriTraining (NN)	[-0.0548 , -0.00935]	2
TriTraining (C45)	[-0.07565 , -0.0164]	2
TriTraining (NB)	[-0.0489 , 0.02355]	2
TriTraining (SMO)	[-0.0565 , 0.0137]	2
DE-TriTraining (NN)	[-0.04395 , -0.00175]	2
DE-TriTraining (C45)	[-0.057 , -0.0019]	2
DE-TriTraining (NB)	[-0.04335 , 0.0277]	2
DE-TriTraining (SMO)	[-0.05605 , -0.00475]	2
CoForest	[-0.0598 , 0.0033]	2
Rasco (NN)	[0.0131 , 0.0777]	2
Rasco (C45)	[-0.0277 , 0.04935]	2
Rasco (NB)	[-0.02675 , 0.0455]	2
Rasco (SMO)	[-0.0174 , 0.063]	2
Co-Bagging (NN)	[-0.0478 , -0.0056]	2
Co-Bagging (C45)	[-0.07635 , -0.0131]	2
Co-Bagging (NB)	[-0.04405 , 0.02855]	2
Co-Bagging (SMO)	[-0.0567 , 0.01345]	2
Rel-Rasco (NN)	[0.016 , 0.08545]	2
Rel-Rasco (C45)	[-0.01995 , 0.0574]	2
Rel-Rasco (NB)	[-0.03285 , 0.0413]	2
Rel-Rasco (SMO)	[-0.0131 , 0.0656]	2
CLCC	[-0.0185 , 0.04405]	2
SNNRCE	[-0.0524 , -0.009]	2
ADE-CoForest	[-0.039 , 0.01615]	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)	975.5	564.5	-	0.083053
Self-Training (C45)	731.5	808.5	-	1
Self-Training (NB)	1112.0	428.0	-	0.004109
Self-Training (SMO)	902.0	638.0	-	0.266931
Co-Training (NN)	1038.0	447.0	-	0.010815
Co-Training (C45)	884.0	656.0	-	0.337386
Co-Training (NB)	1003.5	536.5	-	0.049689
Co-Training (SMO)	782.0	703.0	-	0.730539
Democratic-Co	619.5	920.5	-	1
SETRED	760.5	779.5	-	1
TriTraining (NN)	770.5	714.5	-	0.804919
TriTraining (C45)	626.5	913.5	-	1
TriTraining (NB)	961.0	579.0	-	0.108236
TriTraining (SMO)	807.5	677.5	-	0.572362
DE-TriTraining (NN)	837.0	703.0	-	0.571698
DE-TriTraining (C45)	758.0	782.0	-	1
DE-TriTraining (NB)	978.0	562.0	-	0.079699
DE-TriTraining (SMO)	685.0	800.0	-	1
CoForest	658.0	827.0	-	1
Rasco (NN)	1473.0	67.0	-	0
Rasco (C45)	1112.0	428.0	-	0.004109
Rasco (NB)	1078.0	462.0	-	0.009744
Rasco (SMO)	1148.0	337.0	-	0.000473
Co-Bagging (NN)	830.5	709.5	-	0.608536
Co-Bagging (C45)	654.5	885.5	-	1
Co-Bagging (NB)	1009.0	531.0	-	0.044786
Co-Bagging (SMO)	800.5	739.5	-	0.794858
Rel-Rasco (NN)	1499.0	41.0	-	0
Rel-Rasco (C45)	1124.0	361.0	-	0.001005
Rel-Rasco (NB)	1036.0	449.0	-	0.011361
Rel-Rasco (SMO)	1182.0	358.0	-	0.000548
CLCC	1056.0	484.0	-	0.016262
APSSC	1095.0	445.0	-	0.006387
ADE-CoForest	832.5	707.5	-	0.59645

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)	[0.0003 , 0.01085]	2
Self-Training (C45)	[-0.0201 , 0.01325]	2
Self-Training (NB)	[0.01715 , 0.06405]	2
Self-Training (SMO)	[-0.0052 , 0.0277]	2
Co-Training (NN)	[0.0042 , 0.02245]	2
Co-Training (C45)	[-0.00805 , 0.02815]	2
Co-Training (NB)	[0.00375 , 0.0403]	2
Co-Training (SMO)	[-0.011 , 0.0181]	2
Democratic-Co	[-0.0204 , 0.00295]	2
SETRED	[-0.00525 , 0.00415]	2
TriTraining (NN)	[-0.004 , 0.00665]	2
TriTraining (C45)	[-0.0272 , 0.00495]	2
TriTraining (NB)	[-0.00045 , 0.0413]	2
TriTraining (SMO)	[-0.0081 , 0.0211]	2
DE-TriTraining (NN)	[-0.0044 , 0.01085]	2
DE-TriTraining (C45)	[-0.0143 , 0.0105]	2
DE-TriTraining (NB)	[0.0009 , 0.04465]	2
DE-TriTraining (SMO)	[-0.01095 , 0.00715]	2
CoForest	[-0.01935 , 0.0085]	2
Rasco (NN)	[0.049 , 0.09485]	2
Rasco (C45)	[0.02165 , 0.07565]	2
Rasco (NB)	[0.01575 , 0.072]	2
Rasco (SMO)	[0.02715 , 0.0887]	2
Co-Bagging (NN)	[-0.0032 , 0.0062]	2
Co-Bagging (C45)	[-0.0245 , 0.0072]	2
Co-Bagging (NB)	[0.00415 , 0.0459]	2
Co-Bagging (SMO)	[-0.0087 , 0.02235]	2
Rel-Rasco (NN)	[0.0499 , 0.10415]	2
Rel-Rasco (C45)	[0.02655 , 0.0791]	2
Rel-Rasco (NB)	[0.01445 , 0.0704]	2
Rel-Rasco (SMO)	[0.0306 , 0.09545]	2
CLCC	[0.00915 , 0.05735]	2
APSSC	[0.0117 , 0.0485]	2
ADE-CoForest	[-0.0059 , 0.01755]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0006 , 0.01205]	2
Self-Training (C45)	[-0.0233 , 0.0167]	2
Self-Training (NB)	[0.01275 , 0.0694]	2
Self-Training (SMO)	[-0.00775 , 0.0316]	2
Co-Training (NN)	[0.00295 , 0.0267]	2
Co-Training (C45)	[-0.01225 , 0.03235]	2
Co-Training (NB)	[0 , 0.0445]	2
Co-Training (SMO)	[-0.01345 , 0.02025]	2
Democratic-Co	[-0.02275 , 0.0051]	2
SETRED	[-0.0064 , 0.0051]	2
TriTraining (NN)	[-0.0049 , 0.00755]	2
TriTraining (C45)	[-0.031 , 0.00775]	2
TriTraining (NB)	[-0.0045 , 0.0462]	2
TriTraining (SMO)	[-0.0104 , 0.02465]	2
DE-TriTraining (NN)	[-0.00575 , 0.01275]	2
DE-TriTraining (C45)	[-0.0163 , 0.0142]	2
DE-TriTraining (NB)	[-0.0026 , 0.04855]	2
DE-TriTraining (SMO)	[-0.0132 , 0.0105]	2
CoForest	[-0.02235 , 0.01225]	2
Rasco (NN)	[0.04545 , 0.0993]	2
Rasco (C45)	[0.01685 , 0.0819]	2
Rasco (NB)	[0.0101 , 0.07875]	2
Rasco (SMO)	[0.023 , 0.09775]	2
Co-Bagging (NN)	[-0.00415 , 0.0072]	2
Co-Bagging (C45)	[-0.0282 , 0.0108]	2
Co-Bagging (NB)	[0.0006 , 0.0508]	2
Co-Bagging (SMO)	[-0.01085 , 0.0283]	2
Rel-Rasco (NN)	[0.0462 , 0.10895]	2
Rel-Rasco (C45)	[0.0209 , 0.08675]	2
Rel-Rasco (NB)	[0.0098 , 0.07715]	2
Rel-Rasco (SMO)	[0.02465 , 0.10135]	2
CLCC	[0.00575 , 0.0643]	2
APSSC	[0.009 , 0.0524]	2
ADE-CoForest	[-0.00795 , 0.02265]	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)	741.5	743.5	-	1
Self-Training (C45)	567.0	918.0	-	1
Self-Training (NB)	1043.0	497.0	-	0.021933
Self-Training (SMO)	705.0	780.0	-	1
Co-Training (NN)	777.0	708.0	-	0.762894
Co-Training (C45)	707.0	778.0	-	1
Co-Training (NB)	853.0	632.0	-	0.338686
Co-Training (SMO)	677.0	863.0	-	1
Democratic-Co	539.0	946.0	-	1
SETRED	685.0	855.0	-	1
TriTraining (NN)	759.5	780.5	-	1
TriTraining (C45)	472.5	1012.5	-	1
TriTraining (NB)	878.0	662.0	-	0.363312
TriTraining (SMO)	702.5	837.5	-	1
DE-TriTraining (NN)	707.0	778.0	-	1
DE-TriTraining (C45)	774.0	711.0	-	0.782455
DE-TriTraining (NB)	887.0	598.0	-	0.211855
DE-TriTraining (SMO)	706.5	833.5	-	1
CoForest	502.0	983.0	-	1
Rasco (NN)	1257.0	283.0	-	0.000044
Rasco (C45)	1013.0	527.0	-	0.041333
Rasco (NB)	939.0	601.0	-	0.15556
Rasco (SMO)	1013.0	472.0	-	0.019629
Co-Bagging (NN)	657.5	882.5	-	1
Co-Bagging (C45)	518.0	967.0	-	1
Co-Bagging (NB)	912.0	628.0	-	0.2325
Co-Bagging (SMO)	752.5	787.5	-	1
Rel-Rasco (NN)	1238.0	302.0	-	0.000087
Rel-Rasco (C45)	1031.0	509.0	-	0.028452
Rel-Rasco (NB)	954.5	585.5	-	0.120744
Rel-Rasco (SMO)	1006.5	478.5	-	0.022616
CLCC	885.5	599.5	-	0.21662
APSSC	875.0	665.0	-	0.37673
SNNRCE	707.5	832.5	-	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)	[-0.01935 , 0.0131]	2
Self-Training (C45)	[-0.0324 , 0.00115]	2
Self-Training (NB)	[0.00925 , 0.04545]	2
Self-Training (SMO)	[-0.0207 , 0.01335]	2
Co-Training (NN)	[-0.01415 , 0.01645]	2
Co-Training (C45)	[-0.0225 , 0.0145]	2
Co-Training (NB)	[-0.0073 , 0.02605]	2
Co-Training (SMO)	[-0.0275 , 0.0096]	2
Democratic-Co	[-0.03115 , -0.00075]	2
SETRED	[-0.0236 , 0.0059]	2
TriTraining (NN)	[-0.0196 , 0.01115]	2
TriTraining (C45)	[-0.0427 , -0.00645]	2
TriTraining (NB)	[-0.00865 , 0.0287]	2
TriTraining (SMO)	[-0.0225 , 0.01085]	2
DE-TriTraining (NN)	[-0.00915 , 0.0047]	2
DE-TriTraining (C45)	[-0.0075 , 0.0082]	2
DE-TriTraining (NB)	[-0.0032 , 0.02885]	2
DE-TriTraining (SMO)	[-0.01215 , 0.0062]	2
CoForest	[-0.02625 , -0.00245]	2
Rasco (NN)	[0.03735 , 0.0705]	2
Rasco (C45)	[0.00675 , 0.0564]	2
Rasco (NB)	[-0.0033 , 0.0445]	2
Rasco (SMO)	[0.0128 , 0.06875]	2
Co-Bagging (NN)	[-0.01645 , 0.0039]	2
Co-Bagging (C45)	[-0.0403 , -0.00325]	2
Co-Bagging (NB)	[-0.0058 , 0.03205]	2
Co-Bagging (SMO)	[-0.01865 , 0.0148]	2
Rel-Rasco (NN)	[0.0384 , 0.0769]	2
Rel-Rasco (C45)	[0.0113 , 0.05955]	2
Rel-Rasco (NB)	[-0.00125 , 0.044]	2
Rel-Rasco (SMO)	[0.01175 , 0.0726]	2
CLCC	[-0.0028 , 0.0208]	2
APSSC	[-0.0106 , 0.0345]	2
SNNRCE	[-0.01755 , 0.0059]	2

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

$\alpha=0.95$	Confidence interval	Exact confidence
Self-Training (NN)	[-0.024 , 0.0158]	2
Self-Training (C45)	[-0.0372 , 0.0036]	2
Self-Training (NB)	[0.00515 , 0.0502]	2
Self-Training (SMO)	[-0.0254 , 0.0168]	2
Co-Training (NN)	[-0.01815 , 0.01875]	2
Co-Training (C45)	[-0.0276 , 0.0184]	2
Co-Training (NB)	[-0.01145 , 0.02965]	2
Co-Training (SMO)	[-0.03305 , 0.01285]	2
Democratic-Co	[-0.03625 , 0.00115]	2
SETRED	[-0.02775 , 0.0078]	2
TriTraining (NN)	[-0.0274 , 0.01285]	2
TriTraining (C45)	[-0.0478 , -0.0035]	2
TriTraining (NB)	[-0.01395 , 0.0325]	2
TriTraining (SMO)	[-0.027 , 0.0139]	2
DE-TriTraining (NN)	[-0.01085 , 0.00575]	2
DE-TriTraining (C45)	[-0.0112 , 0.0105]	2
DE-TriTraining (NB)	[-0.0059 , 0.03225]	2
DE-TriTraining (SMO)	[-0.0137 , 0.00755]	2
CoForest	[-0.0296 , -0.0006]	2
Rasco (NN)	[0.0343 , 0.0749]	2
Rasco (C45)	[0.00165 , 0.06085]	2
Rasco (NB)	[-0.00765 , 0.05025]	2
Rasco (SMO)	[0.0078 , 0.0746]	2
Co-Bagging (NN)	[-0.0191 , 0.0055]	2
Co-Bagging (C45)	[-0.046 , 0.0002]	2
Co-Bagging (NB)	[-0.0099 , 0.0359]	2
Co-Bagging (SMO)	[-0.02155 , 0.0188]	2
Rel-Rasco (NN)	[0.03435 , 0.08075]	2
Rel-Rasco (C45)	[0.0054 , 0.0647]	2
Rel-Rasco (NB)	[-0.0066 , 0.04865]	2
Rel-Rasco (SMO)	[0.00575 , 0.07815]	2
CLCC	[-0.00445 , 0.0241]	2
APSSC	[-0.01615 , 0.039]	2
SNNRCE	[-0.02265 , 0.00795]	2

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