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 diferences

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (C45)	565.0	975.0	-	1
Self-Training (NB)	932.0	553.0	-	0.101852
Self-Training (SMO)	742.5	742.5	-	0.996561
Co-Training (NN)	903.5	581.5	-	0.161637
Co-Training (C45)	573.0	967.0	-	1
Co-Training (NB)	872.0	668.0	-	0.39045
Co-Training (SMO)	557.0	928.0	-	1
Democratic-Co	482.0	1058.0	-	1
SETRED	523.5	961.5	-	1
TriTraining (NN)	966.5	573.5	-	0.097063
TriTraining (C45)	470.5	1069.5	-	1
TriTraining (NB)	835.0	705.0	-	0.583146
TriTraining (SMO)	579.0	961.0	-	1
DE-TriTraining (NN)	773.0	767.0	-	0.976556
DE-TriTraining (C45)	621.0	919.0	-	1
DE-TriTraining (NB)	844.0	696.0	-	0.532065
DE-TriTraining (SMO)	516.0	1024.0	-	1
CoForest	596.5	943.5	-	1
Rasco (NN)	1509.0	31.0	-	0
Rasco (C45)	1165.0	375.0	-	0.000921
Rasco (NB)	1130.0	410.0	-	0.002524
Rasco (SMO)	1203.0	337.0	-	0.000281
Co-Bagging (NN)	520.0	1020.0	-	1
Co-Bagging (C45)	497.0	1043.0	-	1
Co-Bagging (NB)	810.5	729.5	-	0.730665
Co-Bagging (SMO)	499.0	1041.0	-	1
Rel-Rasco (NN)	1521.0	19.0	-	0
Rel-Rasco (C45)	1177.0	363.0	-	0.00064
Rel-Rasco (NB)	1112.0	428.0	-	0.004109
Rel-Rasco (SMO)	1215.0	325.0	-	0.000187
CLCC	1148.0	392.0	-	0.001518
APSSC	1063.0	477.0	-	0.013928
SNNRCE	772.0	768.0	-	0.983236
ADE-CoForest	772.0	768.0	-	0.983253

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

α=0.90	Confidence interval	Exact confidence
Self-Training (C45)	[-0.03255 , -0.00185]	2
Self-Training (NB)	[-0.0001 , 0.05135]	2
Self-Training (SMO)	[-0.0129 , 0.01695]	2
Co-Training (NN)	[-0.0004 , 0.00995]	2
Co-Training (C45)	[-0.0356 , -0.0003]	2
Co-Training (NB)	[-0.0103 , 0.03435]	2
Co-Training (SMO)	[-0.02395 , 0.00005]	2
Democratic-Co	[-0.0374 , -0.0078]	2
SETRED	[-0.005 , 0]	2
TriTraining (NN)	[0 , 0.01095]	2
TriTraining (C45)	[-0.03815 , -0.00935]	2
TriTraining (NB)	[-0.0162 , 0.03085]	2
TriTraining (SMO)	[-0.0205 , 0.00025]	2
DE-TriTraining (NN)	[-0.00935 , 0.00905]	2
DE-TriTraining (C45)	[-0.02575 , 0.0045]	2
DE-TriTraining (NB)	[-0.01265 , 0.0339]	2
DE-TriTraining (SMO)	[-0.02335 , -0.0036]	2
CoForest	[-0.0292 , 0.00185]	2
Rasco (NN)	[0.0593 , 0.11855]	2
Rasco (C45)	[0.0311 , 0.0993]	2
Rasco (NB)	[0.0261 , 0.09365]	2
Rasco (SMO)	[0.0325 , 0.10965]	2
Co-Bagging (NN)	[-0.01435 , -0.0021]	2
Co-Bagging (C45)	[-0.0372 , -0.0067]	2
Co-Bagging (NB)	[-0.0149 , 0.02735]	2
Co-Bagging (SMO)	[-0.02535 , -0.0046]	2
Rel-Rasco (NN)	[0.06245 , 0.1279]	2
Rel-Rasco (C45)	[0.03485 , 0.101]	2
Rel-Rasco (NB)	[0.02505 , 0.0884]	2
Rel-Rasco (SMO)	[0.0367 , 0.11285]	2
CLCC	[0.02465 , 0.086]	2
APSSC	[0.00885 , 0.04175]	2
SNNRCE	[-0.004 , 0.0043]	2
ADE-CoForest	[-0.0119 , 0.018]	2

Table 2: Confidence intervals for algorithm Self-Training (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (C45)	[-0.03575 , 0.0025]	2
Self-Training (NB)	[-0.0045 , 0.059]	2
Self-Training (SMO)	[-0.01545 , 0.0205]	2
Co-Training (NN)	[-0.0013 , 0.011]	2
Co-Training (C45)	[-0.03845 , 0.00335]	2
Co-Training (NB)	[-0.01475 , 0.039]	2
Co-Training (SMO)	[-0.0256 , 0.00355]	2
Democratic-Co	[-0.0397 , -0.00495]	2
SETRED	[-0.00555 , 0]	2
TriTraining (NN)	[-0.0007 , 0.01235]	2
TriTraining (C45)	[-0.0408 , -0.0055]	2
TriTraining (NB)	[-0.0213 , 0.038]	2
TriTraining (SMO)	[-0.0227 , 0.00235]	2
DE-TriTraining (NN)	[-0.011 , 0.0111]	2
DE-TriTraining (C45)	[-0.0284 , 0.00805]	2
DE-TriTraining (NB)	[-0.01735 , 0.03855]	2
DE-TriTraining (SMO)	[-0.0251 , -0.00115]	2
CoForest	[-0.0315 , 0.0057]	2
Rasco (NN)	[0.0571 , 0.1256]	2
Rasco (C45)	[0.0255 , 0.10635]	2
Rasco (NB)	[0.02095 , 0.10115]	2
Rasco (SMO)	[0.02695 , 0.11945]	2
Co-Bagging (NN)	[-0.0156 , -0.0006]	2
Co-Bagging (C45)	[-0.0402 , -0.00325]	2
Co-Bagging (NB)	[-0.01915 , 0.03225]	2
Co-Bagging (SMO)	[-0.02715 , -0.0028]	2
Rel-Rasco (NN)	[0.058 , 0.13745]	2
Rel-Rasco (C45)	[0.02875 , 0.10975]	2
Rel-Rasco (NB)	[0.02025 , 0.0934]	2
Rel-Rasco (SMO)	[0.031 , 0.12035]	2
CLCC	[0.01825 , 0.0928]	2
APSSC	[0.00475 , 0.04635]	2
SNNRCE	[-0.005 , 0.0052]	2
ADE-CoForest	[-0.014 , 0.02365]	2

Table 3: Confidence intervals for algorithm Self-Training (NN) (α=0.95)

2 Detailed results for Self-Training (C45)

2.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	975.0	565.0	-	0.085107
Self-Training (NB)	1159.0	326.0	-	0.00033
Self-Training (SMO)	972.0	568.0	-	0.089762
Co-Training (NN)	1010.5	529.5	-	0.043244
Co-Training (C45)	706.0	779.0	-	1
Co-Training (NB)	1069.0	471.0	-	0.012005
Co-Training (SMO)	901.0	639.0	-	0.270558
Democratic-Co	628.5	856.5	-	1
SETRED	949.0	591.0	-	0.132594
TriTraining (NN)	973.0	567.0	-	0.088188
TriTraining (C45)	462.5	1022.5	-	1
TriTraining (NB)	1036.0	504.0	-	0.025557
TriTraining (SMO)	842.5	697.5	-	0.540356
DE-TriTraining (NN)	981.0	559.0	-	0.076384
DE-TriTraining (C45)	970.0	570.0	-	0.092635
DE-TriTraining (NB)	1122.0	363.0	-	0.001068
DE-TriTraining (SMO)	872.5	612.5	-	0.260655
CoForest	606.0	879.0	-	1
Rasco (NN)	1506.0	34.0	-	0
Rasco (C45)	1534.0	6.0	-	0
Rasco (NB)	1327.0	213.0	-	0.000003
Rasco (SMO)	1403.0	137.0	-	0
Co-Bagging (NN)	875.0	665.0	-	0.37673
Co-Bagging (C45)	521.0	964.0	-	1
Co-Bagging (NB)	1037.5	502.5	-	0.024589
Co-Bagging (SMO)	882.0	658.0	-	0.345892
Rel-Rasco (NN)	1511.0	29.0	-	0
Rel-Rasco (C45)	1530.5	9.5	-	0
Rel-Rasco (NB)	1338.0	202.0	-	0.000002
Rel-Rasco (SMO)	1415.5	124.5	-	0
CLCC	1298.0	242.0	-	0.00001
APSSC	1150.0	390.0	-	0.001432
SNNRCE	955.0	585.0	-	0.119356
ADE-CoForest	958.0	527.0	-	0.06263

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

2.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.00185 , 0.03255]	2
Self-Training (NB)	[0.02535 , 0.06335]	2
Self-Training (SMO)	[0.0007 , 0.0304]	2
Co-Training (NN)	[0.00575 , 0.0354]	2
Co-Training (C45)	[-0.0025 , 0.0014]	2
Co-Training (NB)	[0.01025 , 0.04575]	2
Co-Training (SMO)	[-0.0057 , 0.02325]	2
Democratic-Co	[-0.0131 , 0.00355]	2
SETRED	[-0.00145 , 0.0285]	2
TriTraining (NN)	[0.0006 , 0.036]	2
TriTraining (C45)	[-0.0088 , -0.0011]	2
TriTraining (NB)	[0.0066 , 0.0433]	2
TriTraining (SMO)	[-0.00805 , 0.0205]	2
DE-TriTraining (NN)	[0.0012 , 0.02685]	2
DE-TriTraining (C45)	[0.0004 , 0.0195]	2
DE-TriTraining (NB)	[0.016 , 0.0468]	2
DE-TriTraining (SMO)	[-0.00445 , 0.02235]	2
CoForest	[-0.0186 , 0.00335]	2
Rasco (NN)	[0.0921 , 0.13505]	2
Rasco (C45)	[0.0514 , 0.1016]	2
Rasco (NB)	[0.0519 , 0.0993]	2
Rasco (SMO)	[0.05755 , 0.1215]	2
Co-Bagging (NN)	[-0.0058 , 0.02025]	2
Co-Bagging (C45)	[-0.00955 , -0.00055]	2
Co-Bagging (NB)	[0.00625 , 0.03955]	2
Co-Bagging (SMO)	[-0.00705 , 0.0256]	2
Rel-Rasco (NN)	[0.09635 , 0.14045]	2
Rel-Rasco (C45)	[0.05585 , 0.10575]	2
Rel-Rasco (NB)	[0.052 , 0.09795]	2
Rel-Rasco (SMO)	[0.064 , 0.1253]	2
CLCC	[0.0399 , 0.09545]	2
APSSC	[0.02085 , 0.0601]	2
SNNRCE	[-0.00065 , 0.02855]	2
ADE-CoForest	[0.00215 , 0.029]	2

Table 5: Confidence intervals for algorithm Self-Training (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0025 , 0.03575]	2
Self-Training (NB)	[0.02215 , 0.0675]	2
Self-Training (SMO)	[-0.0026 , 0.0357]	2
Co-Training (NN)	[0.0012 , 0.03955]	2
Co-Training (C45)	[-0.00335 , 0.00195]	2
Co-Training (NB)	[0.00615 , 0.04935]	2
Co-Training (SMO)	[-0.00915 , 0.0263]	2
Democratic-Co	[-0.01535 , 0.00555]	2
SETRED	[-0.0051 , 0.0318]	2
TriTraining (NN)	[-0.0022 , 0.03925]	2
TriTraining (C45)	[-0.0102 , -0.00045]	2
TriTraining (NB)	[0.00315 , 0.04625]	2
TriTraining (SMO)	[-0.01135 , 0.02405]	2
DE-TriTraining (NN)	[-0.0016 , 0.0301]	2
DE-TriTraining (C45)	[-0.0013 , 0.0215]	2
DE-TriTraining (NB)	[0.01365 , 0.04965]	2
DE-TriTraining (SMO)	[-0.00785 , 0.02525]	2
CoForest	[-0.021 , 0.00595]	2
Rasco (NN)	[0.08565 , 0.1386]	2
Rasco (C45)	[0.04795 , 0.11015]	2
Rasco (NB)	[0.04795 , 0.1052]	2
Rasco (SMO)	[0.05355 , 0.12715]	2
Co-Bagging (NN)	[-0.0088 , 0.0231]	2
Co-Bagging (C45)	[-0.0104 , 0.00005]	2
Co-Bagging (NB)	[0.00365 , 0.04255]	2
Co-Bagging (SMO)	[-0.0106 , 0.02905]	2
Rel-Rasco (NN)	[0.0926 , 0.14525]	2
Rel-Rasco (C45)	[0.05215 , 0.1113]	2
Rel-Rasco (NB)	[0.04665 , 0.102]	2
Rel-Rasco (SMO)	[0.0595 , 0.1321]	2
CLCC	[0.0359 , 0.1035]	2
APSSC	[0.01715 , 0.0658]	2
SNNRCE	[-0.0036 , 0.0317]	2
ADE-CoForest	[-0.0007 , 0.034]	2

Table 6: Confidence intervals for algorithm Self-Training (C45) (α=0.95)

3 Detailed results for Self-Training (NB)

3.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	553.0	932.0	-	1
Self-Training (C45)	326.0	1159.0	-	1
Self-Training (SMO)	549.0	991.0	-	1
Co-Training (NN)	575.0	910.0	-	1
Co-Training (C45)	315.0	1225.0	-	1
Co-Training (NB)	221.0	1319.0	-	1
Co-Training (SMO)	476.0	1064.0	-	1
Democratic-Co	113.0	1372.0	-	1
SETRED	523.0	1017.0	-	1
TriTraining (NN)	591.0	949.0	-	1
TriTraining (C45)	290.0	1250.0	-	1
TriTraining (NB)	174.0	1311.0	-	1
TriTraining (SMO)	425.0	1115.0	-	1
DE-TriTraining (NN)	501.0	1039.0	-	1
DE-TriTraining (C45)	394.0	1091.0	-	1
DE-TriTraining (NB)	388.0	1097.0	-	1
DE-TriTraining (SMO)	435.0	1105.0	-	1
CoForest	425.0	1060.0	-	1
Rasco (NN)	1239.0	301.0	-	0.000084
Rasco (C45)	1011.5	528.5	-	0.042384
Rasco (NB)	1070.5	469.5	-	0.011583
Rasco (SMO)	1062.0	478.0	-	0.014257
Co-Bagging (NN)	407.5	1132.5	-	1
Co-Bagging (C45)	297.0	1243.0	-	1
Co-Bagging (NB)	210.0	1330.0	-	1
Co-Bagging (SMO)	425.0	1060.0	-	1
Rel-Rasco (NN)	1252.0	288.0	-	0.000051
Rel-Rasco (C45)	1006.0	479.0	-	0.02302
Rel-Rasco (NB)	1009.0	476.0	-	0.021369
Rel-Rasco (SMO)	1069.0	471.0	-	0.012094
CLCC	964.0	576.0	-	0.102459
APSSC	724.0	816.0	-	1
SNNRCE	517.5	967.5	-	1
ADE-CoForest	549.5	990.5	-	1

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

3.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.05135 , 0.0001]	2
Self-Training (C45)	[-0.06335 , -0.02535]	2
Self-Training (SMO)	[-0.052 , -0.0029]	2
Co-Training (NN)	[-0.0459 , 0.0026]	2
Co-Training (C45)	[-0.06295 , -0.0287]	2
Co-Training (NB)	[-0.02085 , -0.00955]	2
Co-Training (SMO)	[-0.0561 , -0.01125]	2
Democratic-Co	[-0.0578 , -0.03215]	2
SETRED	[-0.05345 , -0.0047]	2
TriTraining (NN)	[-0.04635 , 0.0018]	2
TriTraining (C45)	[-0.0695 , -0.0318]	2
TriTraining (NB)	[-0.0243 , -0.0119]	2
TriTraining (SMO)	[-0.0573 , -0.0133]	2
DE-TriTraining (NN)	[-0.04775 , -0.0086]	2
DE-TriTraining (C45)	[-0.05035 , -0.0178]	2
DE-TriTraining (NB)	[-0.02435 , -0.00755]	2
DE-TriTraining (SMO)	[-0.0531 , -0.01505]	2
CoForest	[-0.06715 , -0.01965]	2
Rasco (NN)	[0.03455 , 0.0927]	2
Rasco (C45)	[0.00555 , 0.06245]	2
Rasco (NB)	[0.0048 , 0.04375]	2
Rasco (SMO)	[0.01345 , 0.0734]	2
Co-Bagging (NN)	[-0.056 , -0.01545]	2
Co-Bagging (C45)	[-0.06915 , -0.0303]	2
Co-Bagging (NB)	[-0.0218 , -0.0104]	2
Co-Bagging (SMO)	[-0.05675 , -0.01395]	2
Rel-Rasco (NN)	[0.03785 , 0.09875]	2
Rel-Rasco (C45)	[0.0114 , 0.06685]	2
Rel-Rasco (NB)	[0.0032 , 0.03305]	2
Rel-Rasco (SMO)	[0.0141 , 0.0756]	2
CLCC	[-0 , 0.0321]	2
APSSC	[-0.0283 , 0.01595]	2
SNNRCE	[-0.05135 , -0.0046]	2
ADE-CoForest	[-0.0433 , -0.00225]	2

Table 8: Confidence intervals for algorithm Self-Training (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.059 , 0.0045]	2
Self-Training (C45)	[-0.0675 , -0.02215]	2
Self-Training (SMO)	[-0.05825 , 0.00095]	2
Co-Training (NN)	[-0.05275 , 0.00735]	2
Co-Training (C45)	[-0.06555 , -0.02525]	2
Co-Training (NB)	[-0.0222 , -0.00845]	2
Co-Training (SMO)	[-0.0609 , -0.00705]	2
Democratic-Co	[-0.0618 , -0.02985]	2
SETRED	[-0.06025 , -0.001]	2
TriTraining (NN)	[-0.0526 , 0.00595]	2
TriTraining (C45)	[-0.07425 , -0.0288]	2
TriTraining (NB)	[-0.02595 , -0.0108]	2
TriTraining (SMO)	[-0.06135 , -0.00995]	2
DE-TriTraining (NN)	[-0.0523 , -0.00445]	2
DE-TriTraining (C45)	[-0.054 , -0.0136]	2
DE-TriTraining (NB)	[-0.02675 , -0.0062]	2
DE-TriTraining (SMO)	[-0.05765 , -0.01025]	2
CoForest	[-0.0736 , -0.01445]	2
Rasco (NN)	[0.03065 , 0.1038]	2
Rasco (C45)	[0.00145 , 0.0693]	2
Rasco (NB)	[0.003 , 0.0492]	2
Rasco (SMO)	[0.00795 , 0.07975]	2
Co-Bagging (NN)	[-0.0607 , -0.012]	2
Co-Bagging (C45)	[-0.0727 , -0.028]	2
Co-Bagging (NB)	[-0.02315 , -0.0092]	2
Co-Bagging (SMO)	[-0.0604 , -0.01015]	2
Rel-Rasco (NN)	[0.0329 , 0.1062]	2
Rel-Rasco (C45)	[0.00605 , 0.0759]	2
Rel-Rasco (NB)	[0.00155 , 0.0421]	2
Rel-Rasco (SMO)	[0.00925 , 0.08315]	2
CLCC	[-0.0026 , 0.03645]	2
APSSC	[-0.03555 , 0.02165]	2
SNNRCE	[-0.05705 , 0]	2
ADE-CoForest	[-0.04805 , 0.0012]	2

Table 9: Confidence intervals for algorithm Self-Training (NB) (α=0.95)

4 Detailed results for Self-Training (SMO)

4.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	742.5	742.5	-	0.996561
Self-Training (C45)	568.0	972.0	-	1
Self-Training (NB)	991.0	549.0	-	0.063475
Co-Training (NN)	830.0	655.0	-	0.448631
Co-Training (C45)	569.5	970.5	-	1
Co-Training (NB)	898.5	641.5	-	0.279268
Co-Training (SMO)	468.5	1071.5	-	1
Democratic-Co	524.0	961.0	-	1
SETRED	718.0	767.0	-	1
TriTraining (NN)	792.0	748.0	-	0.850471
TriTraining (C45)	471.0	1069.0	-	1
TriTraining (NB)	812.5	672.5	-	0.543403
TriTraining (SMO)	570.5	914.5	-	1
DE-TriTraining (NN)	674.5	865.5	-	1
DE-TriTraining (C45)	685.0	800.0	-	1
DE-TriTraining (NB)	903.5	636.5	-	0.260554
DE-TriTraining (SMO)	602.0	883.0	-	1
CoForest	635.0	905.0	-	1
Rasco (NN)	1429.0	111.0	-	0
Rasco (C45)	1208.0	332.0	-	0.000239
Rasco (NB)	1134.0	406.0	-	0.002258
Rasco (SMO)	1243.0	242.0	-	0.000016
Co-Bagging (NN)	648.0	837.0	-	1
Co-Bagging (C45)	532.0	1008.0	-	1
Co-Bagging (NB)	833.0	707.0	-	0.5947
Co-Bagging (SMO)	598.0	887.0	-	1
Rel-Rasco (NN)	1436.0	104.0	-	0
Rel-Rasco (C45)	1227.0	313.0	-	0.000126
Rel-Rasco (NB)	1122.0	418.0	-	0.003143
Rel-Rasco (SMO)	1291.0	194.0	-	0.000002
CLCC	1114.0	371.0	-	0.001344
APSSC	921.5	563.5	-	0.122217
SNNRCE	764.0	776.0	-	1
ADE-CoForest	891.5	648.5	-	0.306694

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

4.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01695 , 0.0129]	2
Self-Training (C45)	[-0.0304 , -0.0007]	2
Self-Training (NB)	[0.0029 , 0.052]	2
Co-Training (NN)	[-0.01205 , 0.0218]	2
Co-Training (C45)	[-0.0374 , -0.00075]	2
Co-Training (NB)	[-0.0084 , 0.03705]	2
Co-Training (SMO)	[-0.01115 , -0.0018]	2
Democratic-Co	[-0.03425 , -0.0024]	2
SETRED	[-0.01945 , 0.01165]	2
TriTraining (NN)	[-0.01475 , 0.01305]	2
TriTraining (C45)	[-0.0399 , -0.00815]	2
TriTraining (NB)	[-0.01585 , 0.03395]	2
TriTraining (SMO)	[-0.00795 , 0.0003]	2
DE-TriTraining (NN)	[-0.01945 , 0.0069]	2
DE-TriTraining (C45)	[-0.02275 , 0.01115]	2
DE-TriTraining (NB)	[-0.0073 , 0.0364]	2
DE-TriTraining (SMO)	[-0.0198 , 0.0025]	2
CoForest	[-0.0274 , 0.0058]	2
Rasco (NN)	[0.06745 , 0.11395]	2
Rasco (C45)	[0.0356 , 0.08915]	2
Rasco (NB)	[0.02695 , 0.08575]	2
Rasco (SMO)	[0.03725 , 0.09575]	2
Co-Bagging (NN)	[-0.02645 , 0.0069]	2
Co-Bagging (C45)	[-0.04035 , -0.004]	2
Co-Bagging (NB)	[-0.0161 , 0.0301]	2
Co-Bagging (SMO)	[-0.01715 , 0.00135]	2
Rel-Rasco (NN)	[0.07105 , 0.1197]	2
Rel-Rasco (C45)	[0.03805 , 0.0895]	2
Rel-Rasco (NB)	[0.02585 , 0.0842]	2
Rel-Rasco (SMO)	[0.04465 , 0.101]	2
CLCC	[0.02645 , 0.0784]	2
APSSC	[-0.0029 , 0.04385]	2
SNNRCE	[-0.02175 , 0.0146]	2
ADE-CoForest	[-0.0059 , 0.02225]	2

Table 11: Confidence intervals for algorithm Self-Training (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0205 , 0.01545]	2
Self-Training (C45)	[-0.0357 , 0.0026]	2
Self-Training (NB)	[-0.00095 , 0.05825]	2
Co-Training (NN)	[-0.01725 , 0.0242]	2
Co-Training (C45)	[-0.0402 , 0.00315]	2
Co-Training (NB)	[-0.01275 , 0.04065]	2
Co-Training (SMO)	[-0.0129 , -0.00125]	2
Democratic-Co	[-0.0377 , 0.0005]	2
SETRED	[-0.0221 , 0.0139]	2
TriTraining (NN)	[-0.018 , 0.0167]	2
TriTraining (C45)	[-0.04345 , -0.0054]	2
TriTraining (NB)	[-0.01965 , 0.03855]	2
TriTraining (SMO)	[-0.00965 , 0.00095]	2
DE-TriTraining (NN)	[-0.02215 , 0.0101]	2
DE-TriTraining (C45)	[-0.02775 , 0.01535]	2
DE-TriTraining (NB)	[-0.0125 , 0.0398]	2
DE-TriTraining (SMO)	[-0.0226 , 0.00465]	2
CoForest	[-0.0304 , 0.01005]	2
Rasco (NN)	[0.06345 , 0.11935]	2
Rasco (C45)	[0.02975 , 0.0941]	2
Rasco (NB)	[0.0211 , 0.09215]	2
Rasco (SMO)	[0.03315 , 0.104]	2
Co-Bagging (NN)	[-0.0297 , 0.00885]	2
Co-Bagging (C45)	[-0.0439 , -0.0005]	2
Co-Bagging (NB)	[-0.0212 , 0.034]	2
Co-Bagging (SMO)	[-0.0198 , 0.00265]	2
Rel-Rasco (NN)	[0.06675 , 0.12555]	2
Rel-Rasco (C45)	[0.0322 , 0.09515]	2
Rel-Rasco (NB)	[0.0183 , 0.09075]	2
Rel-Rasco (SMO)	[0.0412 , 0.10835]	2
CLCC	[0.0199 , 0.0857]	2
APSSC	[-0.00615 , 0.0479]	2
SNNRCE	[-0.02425 , 0.0167]	2
ADE-CoForest	[-0.009 , 0.0251]	2

Table 12: Confidence intervals for algorithm Self-Training (SMO) (α=0.95)

5 Detailed results for Co-Training (NN)

5.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	581.5	903.5	-	1
Self-Training (C45)	529.5	1010.5	-	1
Self-Training (NB)	910.0	575.0	-	0.148032
Self-Training (SMO)	655.0	830.0	-	1
Co-Training (C45)	555.0	985.0	-	1
Co-Training (NB)	828.0	712.0	-	0.624031
Co-Training (SMO)	509.0	976.0	-	1
Democratic-Co	461.0	1024.0	-	1
SETRED	498.0	987.0	-	1
TriTraining (NN)	875.5	664.5	-	0.374473
TriTraining (C45)	469.0	1071.0	-	1
TriTraining (NB)	774.0	711.0	-	0.782911
TriTraining (SMO)	591.0	949.0	-	1
DE-TriTraining (NN)	746.5	793.5	-	1
DE-TriTraining (C45)	583.0	957.0	-	1
DE-TriTraining (NB)	842.5	697.5	-	0.539931
DE-TriTraining (SMO)	491.0	994.0	-	1
CoForest	551.0	989.0	-	1
Rasco (NN)	1402.0	83.0	-	0
Rasco (C45)	1148.0	392.0	-	0.001518
Rasco (NB)	1129.0	411.0	-	0.002595
Rasco (SMO)	1156.0	384.0	-	0.001202
Co-Bagging (NN)	488.5	1051.5	-	1
Co-Bagging (C45)	449.0	1036.0	-	1
Co-Bagging (NB)	783.0	757.0	-	0.909943
Co-Bagging (SMO)	485.5	999.5	-	1
Rel-Rasco (NN)	1418.0	67.0	-	0
Rel-Rasco (C45)	1155.0	385.0	-	0.001224
Rel-Rasco (NB)	1114.0	426.0	-	0.003859
Rel-Rasco (SMO)	1172.0	368.0	-	0.000745
CLCC	1118.0	422.0	-	0.003467
APSSC	1008.0	532.0	-	0.045459
SNNRCE	689.5	850.5	-	1
ADE-CoForest	752.5	787.5	-	1

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

5.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00995 , 0.0004]	2
Self-Training (C45)	[-0.0354 , -0.00575]	2
Self-Training (NB)	[-0.0026 , 0.0459]	2
Self-Training (SMO)	[-0.0218 , 0.01205]	2
Co-Training (C45)	[-0.0375 , -0.0024]	2
Co-Training (NB)	[-0.0146 , 0.0286]	2
Co-Training (SMO)	[-0.0322 , -0.004]	2
Democratic-Co	[-0.04095 , -0.0081]	2
SETRED	[-0.01065 , -0.0007]	2
TriTraining (NN)	[-0.0027 , 0.0114]	2
TriTraining (C45)	[-0.0448 , -0.0111]	2
TriTraining (NB)	[-0.01705 , 0.02795]	2
TriTraining (SMO)	[-0.02815 , 0.00115]	2
DE-TriTraining (NN)	[-0.01115 , 0.0083]	2
DE-TriTraining (C45)	[-0.0276 , 0.00065]	2
DE-TriTraining (NB)	[-0.0124 , 0.028]	2
DE-TriTraining (SMO)	[-0.02695 , -0.0035]	2
CoForest	[-0.03185 , -0.00215]	2
Rasco (NN)	[0.05925 , 0.1098]	2
Rasco (C45)	[0.0294 , 0.09415]	2
Rasco (NB)	[0.0245 , 0.0843]	2
Rasco (SMO)	[0.03065 , 0.1052]	2
Co-Bagging (NN)	[-0.01895 , -0.00425]	2
Co-Bagging (C45)	[-0.04015 , -0.0104]	2
Co-Bagging (NB)	[-0.0179 , 0.0222]	2
Co-Bagging (SMO)	[-0.03055 , -0.00475]	2
Rel-Rasco (NN)	[0.062 , 0.12]	2
Rel-Rasco (C45)	[0.03475 , 0.0961]	2
Rel-Rasco (NB)	[0.0223 , 0.08105]	2
Rel-Rasco (SMO)	[0.0357 , 0.1084]	2
CLCC	[0.0196 , 0.0785]	2
APSSC	[0.0038 , 0.04075]	2
SNNRCE	[-0.0084 , 0.0038]	2
ADE-CoForest	[-0.016 , 0.0152]	2

Table 14: Confidence intervals for algorithm Co-Training (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.011 , 0.0013]	2
Self-Training (C45)	[-0.03955 , -0.0012]	2
Self-Training (NB)	[-0.00735 , 0.05275]	2
Self-Training (SMO)	[-0.0242 , 0.01725]	2
Co-Training (C45)	[-0.0401 , 0.0017]	2
Co-Training (NB)	[-0.0182 , 0.0332]	2
Co-Training (SMO)	[-0.03585 , -0.00095]	2
Democratic-Co	[-0.04405 , -0.00485]	2
SETRED	[-0.0137 , -0.00025]	2
TriTraining (NN)	[-0.0043 , 0.0134]	2
TriTraining (C45)	[-0.04885 , -0.0074]	2
TriTraining (NB)	[-0.021 , 0.0319]	2
TriTraining (SMO)	[-0.0309 , 0.00395]	2
DE-TriTraining (NN)	[-0.0129 , 0.0104]	2
DE-TriTraining (C45)	[-0.02975 , 0.00365]	2
DE-TriTraining (NB)	[-0.01675 , 0.0311]	2
DE-TriTraining (SMO)	[-0.02855 , -0.0016]	2
CoForest	[-0.0358 , 0.0008]	2
Rasco (NN)	[0.05525 , 0.11575]	2
Rasco (C45)	[0.02405 , 0.10225]	2
Rasco (NB)	[0.0182 , 0.09095]	2
Rasco (SMO)	[0.0235 , 0.1145]	2
Co-Bagging (NN)	[-0.02095 , -0.0024]	2
Co-Bagging (C45)	[-0.0442 , -0.0068]	2
Co-Bagging (NB)	[-0.022 , 0.02695]	2
Co-Bagging (SMO)	[-0.0333 , -0.00275]	2
Rel-Rasco (NN)	[0.0575 , 0.1255]	2
Rel-Rasco (C45)	[0.0283 , 0.1036]	2
Rel-Rasco (NB)	[0.01655 , 0.08805]	2
Rel-Rasco (SMO)	[0.0295 , 0.1158]	2
CLCC	[0.01475 , 0.08465]	2
APSSC	[0.0006 , 0.04455]	2
SNNRCE	[-0.00975 , 0.00485]	2
ADE-CoForest	[-0.01835 , 0.02005]	2

Table 15: Confidence intervals for algorithm Co-Training (NN) (α=0.95)

6 Detailed results for Co-Training (C45)

6.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	967.0	573.0	-	0.097973
Self-Training (C45)	779.0	706.0	-	0.750046
Self-Training (NB)	1225.0	315.0	-	0.000135
Self-Training (SMO)	970.5	569.5	-	0.092165
Co-Training (NN)	985.0	555.0	-	0.070689
Co-Training (NB)	1095.5	444.5	-	0.006252
Co-Training (SMO)	911.0	629.0	-	0.235794
Democratic-Co	703.0	837.0	-	1
SETRED	956.0	584.0	-	0.118147
TriTraining (NN)	1000.0	540.0	-	0.052455
TriTraining (C45)	502.5	982.5	-	1
TriTraining (NB)	1010.0	475.0	-	0.021025
TriTraining (SMO)	902.0	638.0	-	0.266931
DE-TriTraining (NN)	950.0	535.0	-	0.073305
DE-TriTraining (C45)	1003.5	481.5	-	0.02374
DE-TriTraining (NB)	1145.5	394.5	-	0.001612
DE-TriTraining (SMO)	921.0	619.0	-	0.202419
CoForest	660.0	880.0	-	1
Rasco (NN)	1513.0	27.0	-	0
Rasco (C45)	1538.0	2.0	-	0
Rasco (NB)	1343.0	197.0	-	0.000002
Rasco (SMO)	1400.5	139.5	-	0
Co-Bagging (NN)	929.5	610.5	-	0.180061
Co-Bagging (C45)	503.5	1036.5	-	1
Co-Bagging (NB)	1076.5	463.5	-	0.009949
Co-Bagging (SMO)	897.5	642.5	-	0.283012
Rel-Rasco (NN)	1512.0	28.0	-	0
Rel-Rasco (C45)	1538.0	2.0	-	0
Rel-Rasco (NB)	1346.5	193.5	-	0.000001
Rel-Rasco (SMO)	1406.0	134.0	-	0
CLCC	1257.0	228.0	-	0.000009
APSSC	1129.0	411.0	-	0.002488
SNNRCE	973.5	566.5	-	0.087409
ADE-CoForest	1016.0	524.0	-	0.038689

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

6.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0003 , 0.0356]	2
Self-Training (C45)	[-0.0014 , 0.0025]	2
Self-Training (NB)	[0.0287 , 0.06295]	2
Self-Training (SMO)	[0.00075 , 0.0374]	2
Co-Training (NN)	[0.0024 , 0.0375]	2
Co-Training (NB)	[0.01135 , 0.04495]	2
Co-Training (SMO)	[-0.0052 , 0.026]	2
Democratic-Co	[-0.01215 , 0.0051]	2
SETRED	[-0.00105 , 0.0311]	2
TriTraining (NN)	[0.0033 , 0.0369]	2
TriTraining (C45)	[-0.01075 , -0.00085]	2
TriTraining (NB)	[0.0073 , 0.0435]	2
TriTraining (SMO)	[-0.00505 , 0.02205]	2
DE-TriTraining (NN)	[0.0015 , 0.0282]	2
DE-TriTraining (C45)	[0.0026 , 0.0203]	2
DE-TriTraining (NB)	[0.01555 , 0.04545]	2
DE-TriTraining (SMO)	[-0.00285 , 0.02285]	2
CoForest	[-0.0183 , 0.0064]	2
Rasco (NN)	[0.0884 , 0.13445]	2
Rasco (C45)	[0.05255 , 0.1095]	2
Rasco (NB)	[0.05035 , 0.1017]	2
Rasco (SMO)	[0.0593 , 0.12215]	2
Co-Bagging (NN)	[-0.0032 , 0.0216]	2
Co-Bagging (C45)	[-0.01085 , -0.00135]	2
Co-Bagging (NB)	[0.01035 , 0.04205]	2
Co-Bagging (SMO)	[-0.0053 , 0.02665]	2
Rel-Rasco (NN)	[0.09455 , 0.14065]	2
Rel-Rasco (C45)	[0.05705 , 0.11225]	2
Rel-Rasco (NB)	[0.0485 , 0.0969]	2
Rel-Rasco (SMO)	[0.0649 , 0.1274]	2
CLCC	[0.0421 , 0.0986]	2
APSSC	[0.0206 , 0.0652]	2
SNNRCE	[0.00115 , 0.03015]	2
ADE-CoForest	[0.0041 , 0.03115]	2

Table 17: Confidence intervals for algorithm Co-Training (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00335 , 0.03845]	2
Self-Training (C45)	[-0.00195 , 0.00335]	2
Self-Training (NB)	[0.02525 , 0.06555]	2
Self-Training (SMO)	[-0.00315 , 0.0402]	2
Co-Training (NN)	[-0.0017 , 0.0401]	2
Co-Training (NB)	[0.00835 , 0.0478]	2
Co-Training (SMO)	[-0.00865 , 0.02885]	2
Democratic-Co	[-0.01455 , 0.0069]	2
SETRED	[-0.0053 , 0.0337]	2
TriTraining (NN)	[-0.00025 , 0.041]	2
TriTraining (C45)	[-0.012 , -0.0002]	2
TriTraining (NB)	[0.0034 , 0.047]	2
TriTraining (SMO)	[-0.00755 , 0.02575]	2
DE-TriTraining (NN)	[-0.00185 , 0.03135]	2
DE-TriTraining (C45)	[0.00155 , 0.02255]	2
DE-TriTraining (NB)	[0.01225 , 0.0495]	2
DE-TriTraining (SMO)	[-0.0051 , 0.0256]	2
CoForest	[-0.0208 , 0.01]	2
Rasco (NN)	[0.085 , 0.1381]	2
Rasco (C45)	[0.0493 , 0.11845]	2
Rasco (NB)	[0.0462 , 0.107]	2
Rasco (SMO)	[0.05515 , 0.12935]	2
Co-Bagging (NN)	[-0.0057 , 0.0246]	2
Co-Bagging (C45)	[-0.01155 , -0.0007]	2
Co-Bagging (NB)	[0.0065 , 0.04465]	2
Co-Bagging (SMO)	[-0.0076 , 0.0294]	2
Rel-Rasco (NN)	[0.0905 , 0.14525]	2
Rel-Rasco (C45)	[0.05425 , 0.1164]	2
Rel-Rasco (NB)	[0.0446 , 0.10105]	2
Rel-Rasco (SMO)	[0.0586 , 0.1322]	2
CLCC	[0.03745 , 0.1055]	2
APSSC	[0.0156 , 0.071]	2
SNNRCE	[-0.0024 , 0.0333]	2
ADE-CoForest	[0.0012 , 0.0354]	2

Table 18: Confidence intervals for algorithm Co-Training (C45) (α=0.95)

7 Detailed results for Co-Training (NB)

7.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	668.0	872.0	-	1
Self-Training (C45)	471.0	1069.0	-	1
Self-Training (NB)	1319.0	221.0	-	0.000004
Self-Training (SMO)	641.5	898.5	-	1
Co-Training (NN)	712.0	828.0	-	1
Co-Training (C45)	444.5	1095.5	-	1
Co-Training (SMO)	591.0	949.0	-	1
Democratic-Co	297.0	1243.0	-	1
SETRED	621.0	864.0	-	1
TriTraining (NN)	703.0	837.0	-	1
TriTraining (C45)	388.0	1152.0	-	1
TriTraining (NB)	435.5	1104.5	-	1
TriTraining (SMO)	564.0	921.0	-	1
DE-TriTraining (NN)	667.0	873.0	-	1
DE-TriTraining (C45)	571.0	969.0	-	1
DE-TriTraining (NB)	730.5	754.5	-	1
DE-TriTraining (SMO)	607.0	933.0	-	1
CoForest	519.5	1020.5	-	1
Rasco (NN)	1340.0	200.0	-	0.000002
Rasco (C45)	1126.0	414.0	-	0.002818
Rasco (NB)	1330.0	210.0	-	0.000003
Rasco (SMO)	1149.5	390.5	-	0.001437
Co-Bagging (NN)	535.0	1005.0	-	1
Co-Bagging (C45)	409.0	1131.0	-	1
Co-Bagging (NB)	675.5	864.5	-	1
Co-Bagging (SMO)	580.5	959.5	-	1
Rel-Rasco (NN)	1357.5	182.5	-	0.000001
Rel-Rasco (C45)	1138.5	401.5	-	0.001969
Rel-Rasco (NB)	1337.0	148.0	-	0
Rel-Rasco (SMO)	1161.0	379.0	-	0.001037
CLCC	1133.0	352.0	-	0.000761
APSSC	810.0	730.0	-	0.734092
SNNRCE	643.0	897.0	-	1
ADE-CoForest	705.0	835.0	-	1

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

7.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03435 , 0.0103]	2
Self-Training (C45)	[-0.04575 , -0.01025]	2
Self-Training (NB)	[0.00955 , 0.02085]	2
Self-Training (SMO)	[-0.03705 , 0.0084]	2
Co-Training (NN)	[-0.0286 , 0.0146]	2
Co-Training (C45)	[-0.04495 , -0.01135]	2
Co-Training (SMO)	[-0.0421 , 0.00215]	2
Democratic-Co	[-0.0381 , -0.01595]	2
SETRED	[-0.03605 , 0.00625]	2
TriTraining (NN)	[-0.02905 , 0.01275]	2
TriTraining (C45)	[-0.0524 , -0.0164]	2
TriTraining (NB)	[-0.0075 , -0.002]	2
TriTraining (SMO)	[-0.04125 , 0.00095]	2
DE-TriTraining (NN)	[-0.02715 , 0.00915]	2
DE-TriTraining (C45)	[-0.0336 , -0.00045]	2
DE-TriTraining (NB)	[-0.00515 , 0.00495]	2
DE-TriTraining (SMO)	[-0.0326 , 0.0039]	2
CoForest	[-0.0522 , -0.0067]	2
Rasco (NN)	[0.0556 , 0.1139]	2
Rasco (C45)	[0.02275 , 0.086]	2
Rasco (NB)	[0.02015 , 0.063]	2
Rasco (SMO)	[0.03245 , 0.09735]	2
Co-Bagging (NN)	[-0.03655 , -0.0033]	2
Co-Bagging (C45)	[-0.05085 , -0.0166]	2
Co-Bagging (NB)	[-0.00465 , 0.0016]	2
Co-Bagging (SMO)	[-0.0389 , 0.00105]	2
Rel-Rasco (NN)	[0.05835 , 0.12035]	2
Rel-Rasco (C45)	[0.028 , 0.0868]	2
Rel-Rasco (NB)	[0.01835 , 0.06245]	2
Rel-Rasco (SMO)	[0.0315 , 0.1002]	2
CLCC	[0.01695 , 0.04905]	2
APSSC	[-0.0155 , 0.02975]	2
SNNRCE	[-0.0334 , 0.00675]	2
ADE-CoForest	[-0.0248 , 0.013]	2

Table 20: Confidence intervals for algorithm Co-Training (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.039 , 0.01475]	2
Self-Training (C45)	[-0.04935 , -0.00615]	2
Self-Training (NB)	[0.00845 , 0.0222]	2
Self-Training (SMO)	[-0.04065 , 0.01275]	2
Co-Training (NN)	[-0.0332 , 0.0182]	2
Co-Training (C45)	[-0.0478 , -0.00835]	2
Co-Training (SMO)	[-0.04675 , 0.0068]	2
Democratic-Co	[-0.0406 , -0.01375]	2
SETRED	[-0.04095 , 0.0096]	2
TriTraining (NN)	[-0.0339 , 0.01625]	2
TriTraining (C45)	[-0.0557 , -0.01315]	2
TriTraining (NB)	[-0.0081 , -0.00155]	2
TriTraining (SMO)	[-0.0458 , 0.004]	2
DE-TriTraining (NN)	[-0.0314 , 0.01265]	2
DE-TriTraining (C45)	[-0.0365 , 0.00415]	2
DE-TriTraining (NB)	[-0.00625 , 0.00575]	2
DE-TriTraining (SMO)	[-0.0379 , 0.00775]	2
CoForest	[-0.05675 , -0.0018]	2
Rasco (NN)	[0.05075 , 0.12195]	2
Rasco (C45)	[0.01785 , 0.0925]	2
Rasco (NB)	[0.0182 , 0.06995]	2
Rasco (SMO)	[0.02595 , 0.1026]	2
Co-Bagging (NN)	[-0.03975 , -0.00005]	2
Co-Bagging (C45)	[-0.05485 , -0.01235]	2
Co-Bagging (NB)	[-0.0055 , 0.0021]	2
Co-Bagging (SMO)	[-0.0452 , 0.00465]	2
Rel-Rasco (NN)	[0.0539 , 0.1272]	2
Rel-Rasco (C45)	[0.02285 , 0.09655]	2
Rel-Rasco (NB)	[0.01645 , 0.066]	2
Rel-Rasco (SMO)	[0.02395 , 0.10535]	2
CLCC	[0.0146 , 0.05315]	2
APSSC	[-0.01925 , 0.03665]	2
SNNRCE	[-0.0382 , 0.01075]	2
ADE-CoForest	[-0.02835 , 0.0172]	2

Table 21: Confidence intervals for algorithm Co-Training (NB) (α=0.95)

8 Detailed results for Co-Training (SMO)

8.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	928.0	557.0	-	0.108504
Self-Training (C45)	639.0	901.0	-	1
Self-Training (NB)	1064.0	476.0	-	0.013509
Self-Training (SMO)	1071.5	468.5	-	0.01131
Co-Training (NN)	976.0	509.0	-	0.043473
Co-Training (C45)	629.0	911.0	-	1
Co-Training (NB)	949.0	591.0	-	0.132594
Democratic-Co	563.0	922.0	-	1
SETRED	881.0	604.0	-	0.230874
TriTraining (NN)	980.0	560.0	-	0.077785
TriTraining (C45)	550.0	990.0	-	1
TriTraining (NB)	878.5	606.5	-	0.238864
TriTraining (SMO)	848.0	637.0	-	0.359856
DE-TriTraining (NN)	832.0	653.0	-	0.437894
DE-TriTraining (C45)	757.0	728.0	-	0.897126
DE-TriTraining (NB)	958.0	582.0	-	0.114254
DE-TriTraining (SMO)	731.5	808.5	-	1
CoForest	699.0	786.0	-	1
Rasco (NN)	1476.0	64.0	-	0
Rasco (C45)	1353.0	187.0	-	0.000001
Rasco (NB)	1212.0	328.0	-	0.000209
Rasco (SMO)	1360.0	125.0	-	0
Co-Bagging (NN)	840.5	699.5	-	0.551509
Co-Bagging (C45)	591.0	949.0	-	1
Co-Bagging (NB)	903.5	636.5	-	0.261554
Co-Bagging (SMO)	806.0	679.0	-	0.580374
Rel-Rasco (NN)	1474.5	65.5	-	0
Rel-Rasco (C45)	1361.0	179.0	-	0.000001
Rel-Rasco (NB)	1216.0	324.0	-	0.000183
Rel-Rasco (SMO)	1376.0	109.0	-	0
CLCC	1135.0	350.0	-	0.000715
APSSC	1109.0	431.0	-	0.004406
SNNRCE	935.0	605.0	-	0.165549
ADE-CoForest	898.0	587.0	-	0.178741

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

8.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00005 , 0.02395]	2
Self-Training (C45)	[-0.02325 , 0.0057]	2
Self-Training (NB)	[0.01125 , 0.0561]	2
Self-Training (SMO)	[0.0018 , 0.01115]	2
Co-Training (NN)	[0.004 , 0.0322]	2
Co-Training (C45)	[-0.026 , 0.0052]	2
Co-Training (NB)	[-0.00215 , 0.0421]	2
Democratic-Co	[-0.028 , 0.0007]	2
SETRED	[-0.0031 , 0.01875]	2
TriTraining (NN)	[0.0009 , 0.02605]	2
TriTraining (C45)	[-0.02975 , -0.00155]	2
TriTraining (NB)	[-0.006 , 0.0397]	2
TriTraining (SMO)	[-0.00225 , 0.00755]	2
DE-TriTraining (NN)	[-0.0073 , 0.01935]	2
DE-TriTraining (C45)	[-0.01365 , 0.0161]	2
DE-TriTraining (NB)	[-0.00055 , 0.0408]	2
DE-TriTraining (SMO)	[-0.01095 , 0.0069]	2
CoForest	[-0.0207 , 0.013]	2
Rasco (NN)	[0.0754 , 0.1327]	2
Rasco (C45)	[0.0471 , 0.10235]	2
Rasco (NB)	[0.0367 , 0.0937]	2
Rasco (SMO)	[0.0549 , 0.1086]	2
Co-Bagging (NN)	[-0.00965 , 0.0149]	2
Co-Bagging (C45)	[-0.029 , 0.00105]	2
Co-Bagging (NB)	[-0.0066 , 0.0348]	2
Co-Bagging (SMO)	[-0.0035 , 0.0077]	2
Rel-Rasco (NN)	[0.0805 , 0.13875]	2
Rel-Rasco (C45)	[0.0515 , 0.1018]	2
Rel-Rasco (NB)	[0.0358 , 0.0906]	2
Rel-Rasco (SMO)	[0.05825 , 0.1188]	2
CLCC	[0.03005 , 0.0948]	2
APSSC	[0.01865 , 0.0618]	2
SNNRCE	[-0.00295 , 0.0218]	2
ADE-CoForest	[-0.0028 , 0.0307]	2

Table 23: Confidence intervals for algorithm Co-Training (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00355 , 0.0256]	2
Self-Training (C45)	[-0.0263 , 0.00915]	2
Self-Training (NB)	[0.00705 , 0.0609]	2
Self-Training (SMO)	[0.00125 , 0.0129]	2
Co-Training (NN)	[0.00095 , 0.03585]	2
Co-Training (C45)	[-0.02885 , 0.00865]	2
Co-Training (NB)	[-0.0068 , 0.04675]	2
Democratic-Co	[-0.0311 , 0.00345]	2
SETRED	[-0.00685 , 0.02095]	2
TriTraining (NN)	[-0.0022 , 0.0293]	2
TriTraining (C45)	[-0.0326 , 0.00135]	2
TriTraining (NB)	[-0.01135 , 0.04405]	2
TriTraining (SMO)	[-0.00365 , 0.00925]	2
DE-TriTraining (NN)	[-0.01015 , 0.0223]	2
DE-TriTraining (C45)	[-0.0165 , 0.01885]	2
DE-TriTraining (NB)	[-0.0046 , 0.04495]	2
DE-TriTraining (SMO)	[-0.01325 , 0.0086]	2
CoForest	[-0.02365 , 0.0163]	2
Rasco (NN)	[0.071 , 0.14235]	2
Rasco (C45)	[0.0433 , 0.1066]	2
Rasco (NB)	[0.0314 , 0.1005]	2
Rasco (SMO)	[0.04905 , 0.11515]	2
Co-Bagging (NN)	[-0.01265 , 0.01715]	2
Co-Bagging (C45)	[-0.0329 , 0.0044]	2
Co-Bagging (NB)	[-0.011 , 0.03755]	2
Co-Bagging (SMO)	[-0.00495 , 0.00955]	2
Rel-Rasco (NN)	[0.0763 , 0.14705]	2
Rel-Rasco (C45)	[0.04675 , 0.10735]	2
Rel-Rasco (NB)	[0.03135 , 0.09565]	2
Rel-Rasco (SMO)	[0.05215 , 0.12345]	2
CLCC	[0.0241 , 0.10205]	2
APSSC	[0.014 , 0.0654]	2
SNNRCE	[-0.006 , 0.0239]	2
ADE-CoForest	[-0.0059 , 0.03415]	2

Table 24: Confidence intervals for algorithm Co-Training (SMO) (α=0.95)

9 Detailed results for Democratic-Co

9.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1058.0	482.0	-	0.015531
Self-Training (C45)	856.5	628.5	-	0.323676
Self-Training (NB)	1372.0	113.0	-	0
Self-Training (SMO)	961.0	524.0	-	0.058525
Co-Training (NN)	1024.0	461.0	-	0.015179
Co-Training (C45)	837.0	703.0	-	0.571295
Co-Training (NB)	1243.0	297.0	-	0.000071
Co-Training (SMO)	922.0	563.0	-	0.12118
SETRED	1042.5	497.5	-	0.022036
TriTraining (NN)	1048.0	437.0	-	0.008281
TriTraining (C45)	745.0	740.0	-	0.97937
TriTraining (NB)	1089.0	396.0	-	0.002781
TriTraining (SMO)	897.0	588.0	-	0.182013
DE-TriTraining (NN)	1090.0	450.0	-	0.007125
DE-TriTraining (C45)	1052.0	433.0	-	0.007604
DE-TriTraining (NB)	1282.5	257.5	-	0.000017
DE-TriTraining (SMO)	983.0	502.0	-	0.037774
CoForest	754.5	785.5	-	1
Rasco (NN)	1510.0	30.0	-	0
Rasco (C45)	1447.0	93.0	-	0
Rasco (NB)	1431.0	109.0	-	0
Rasco (SMO)	1333.0	152.0	-	0
Co-Bagging (NN)	947.5	537.5	-	0.076193
Co-Bagging (C45)	781.0	759.0	-	0.923079
Co-Bagging (NB)	1191.5	348.5	-	0.000395
Co-Bagging (SMO)	884.0	601.0	-	0.221462
Rel-Rasco (NN)	1533.0	7.0	-	0
Rel-Rasco (C45)	1448.0	92.0	-	0
Rel-Rasco (NB)	1460.0	80.0	-	0
Rel-Rasco (SMO)	1357.5	127.5	-	0
CLCC	1362.0	123.0	-	0
APSSC	1210.5	329.5	-	0.000217
SNNRCE	1083.5	456.5	-	0.008379
ADE-CoForest	1098.0	442.0	-	0.005865

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

9.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0078 , 0.0374]	2
Self-Training (C45)	[-0.00355 , 0.0131]	2
Self-Training (NB)	[0.03215 , 0.0578]	2
Self-Training (SMO)	[0.0024 , 0.03425]	2
Co-Training (NN)	[0.0081 , 0.04095]	2
Co-Training (C45)	[-0.0051 , 0.01215]	2
Co-Training (NB)	[0.01595 , 0.0381]	2
Co-Training (SMO)	[-0.0007 , 0.028]	2
SETRED	[0.0066 , 0.03305]	2
TriTraining (NN)	[0.011 , 0.0371]	2
TriTraining (C45)	[-0.00755 , 0.0072]	2
TriTraining (NB)	[0.0083 , 0.033]	2
TriTraining (SMO)	[-0.002 , 0.02295]	2
DE-TriTraining (NN)	[0.0059 , 0.02785]	2
DE-TriTraining (C45)	[0.0053 , 0.0283]	2
DE-TriTraining (NB)	[0.01835 , 0.04145]	2
DE-TriTraining (SMO)	[0.00225 , 0.02325]	2
CoForest	[-0.0145 , 0.0154]	2
Rasco (NN)	[0.08575 , 0.1387]	2
Rasco (C45)	[0.05365 , 0.10445]	2
Rasco (NB)	[0.0508 , 0.0984]	2
Rasco (SMO)	[0.0616 , 0.1204]	2
Co-Bagging (NN)	[0.00125 , 0.0211]	2
Co-Bagging (C45)	[-0.00915 , 0.0082]	2
Co-Bagging (NB)	[0.01145 , 0.0353]	2
Co-Bagging (SMO)	[-0.00295 , 0.02545]	2
Rel-Rasco (NN)	[0.09125 , 0.13975]	2
Rel-Rasco (C45)	[0.0592 , 0.1077]	2
Rel-Rasco (NB)	[0.055 , 0.09605]	2
Rel-Rasco (SMO)	[0.0651 , 0.12415]	2
CLCC	[0.04245 , 0.09195]	2
APSSC	[0.02395 , 0.0604]	2
SNNRCE	[0.0092 , 0.03225]	2
ADE-CoForest	[0.0075 , 0.03305]	2

Table 26: Confidence intervals for algorithm Democratic-Co (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.00495 , 0.0397]	2
Self-Training (C45)	[-0.00555 , 0.01535]	2
Self-Training (NB)	[0.02985 , 0.0618]	2
Self-Training (SMO)	[-0.0005 , 0.0377]	2
Co-Training (NN)	[0.00485 , 0.04405]	2
Co-Training (C45)	[-0.0069 , 0.01455]	2
Co-Training (NB)	[0.01375 , 0.0406]	2
Co-Training (SMO)	[-0.00345 , 0.0311]	2
SETRED	[0.00365 , 0.0352]	2
TriTraining (NN)	[0.00805 , 0.03995]	2
TriTraining (C45)	[-0.0093 , 0.00895]	2
TriTraining (NB)	[0.00615 , 0.03595]	2
TriTraining (SMO)	[-0.0045 , 0.0264]	2
DE-TriTraining (NN)	[0.00395 , 0.0312]	2
DE-TriTraining (C45)	[0.0035 , 0.03045]	2
DE-TriTraining (NB)	[0.0169 , 0.044]	2
DE-TriTraining (SMO)	[0.0007 , 0.0258]	2
CoForest	[-0.017 , 0.0196]	2
Rasco (NN)	[0.0817 , 0.1461]	2
Rasco (C45)	[0.0501 , 0.11295]	2
Rasco (NB)	[0.04695 , 0.1036]	2
Rasco (SMO)	[0.05435 , 0.12695]	2
Co-Bagging (NN)	[-0.00135 , 0.0231]	2
Co-Bagging (C45)	[-0.012 , 0.01]	2
Co-Bagging (NB)	[0.0096 , 0.03745]	2
Co-Bagging (SMO)	[-0.00515 , 0.02975]	2
Rel-Rasco (NN)	[0.0877 , 0.1457]	2
Rel-Rasco (C45)	[0.05475 , 0.11485]	2
Rel-Rasco (NB)	[0.0521 , 0.09975]	2
Rel-Rasco (SMO)	[0.0575 , 0.13165]	2
CLCC	[0.0393 , 0.10235]	2
APSSC	[0.0207 , 0.06455]	2
SNNRCE	[0.0069 , 0.03455]	2
ADE-CoForest	[0.0056 , 0.03775]	2

Table 27: Confidence intervals for algorithm Democratic-Co (α=0.95)

10 Detailed results for SETRED

10.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	961.5	523.5	-	0.058766
Self-Training (C45)	591.0	949.0	-	1
Self-Training (NB)	1017.0	523.0	-	0.038108
Self-Training (SMO)	767.0	718.0	-	0.829206
Co-Training (NN)	987.0	498.0	-	0.034122
Co-Training (C45)	584.0	956.0	-	1
Co-Training (NB)	864.0	621.0	-	0.292993
Co-Training (SMO)	604.0	881.0	-	1
Democratic-Co	497.5	1042.5	-	1
TriTraining (NN)	1038.5	501.5	-	0.024059
TriTraining (C45)	477.5	1062.5	-	1
TriTraining (NB)	865.0	675.0	-	0.423137
TriTraining (SMO)	638.5	846.5	-	1
DE-TriTraining (NN)	828.5	711.5	-	0.61997
DE-TriTraining (C45)	639.5	900.5	-	1
DE-TriTraining (NB)	873.0	667.0	-	0.385844
DE-TriTraining (SMO)	563.0	977.0	-	1
CoForest	590.0	895.0	-	1
Rasco (NN)	1524.0	16.0	-	0
Rasco (C45)	1190.0	350.0	-	0.000426
Rasco (NB)	1173.0	367.0	-	0.000723
Rasco (SMO)	1227.0	313.0	-	0.000126
Co-Bagging (NN)	635.0	905.0	-	1
Co-Bagging (C45)	512.0	1028.0	-	1
Co-Bagging (NB)	848.5	691.5	-	0.507587
Co-Bagging (SMO)	502.5	1037.5	-	1
Rel-Rasco (NN)	1535.0	5.0	-	0
Rel-Rasco (C45)	1215.0	325.0	-	0.000189
Rel-Rasco (NB)	1144.0	396.0	-	0.001702
Rel-Rasco (SMO)	1232.0	308.0	-	0.000107
CLCC	1137.0	348.0	-	0.000671
APSSC	1100.5	439.5	-	0.005549
SNNRCE	904.0	581.0	-	0.162607
ADE-CoForest	800.5	739.5	-	0.794858

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

10.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0 , 0.005]	2
Self-Training (C45)	[-0.0285 , 0.00145]	2
Self-Training (NB)	[0.0047 , 0.05345]	2
Self-Training (SMO)	[-0.01165 , 0.01945]	2
Co-Training (NN)	[0.0007 , 0.01065]	2
Co-Training (C45)	[-0.0311 , 0.00105]	2
Co-Training (NB)	[-0.00625 , 0.03605]	2
Co-Training (SMO)	[-0.01875 , 0.0031]	2
Democratic-Co	[-0.03305 , -0.0066]	2
TriTraining (NN)	[0.0017 , 0.0147]	2
TriTraining (C45)	[-0.033 , -0.007]	2
TriTraining (NB)	[-0.0122 , 0.0339]	2
TriTraining (SMO)	[-0.0152 , 0.004]	2
DE-TriTraining (NN)	[-0.0056 , 0.0104]	2
DE-TriTraining (C45)	[-0.0216 , 0.0058]	2
DE-TriTraining (NB)	[-0.00895 , 0.0344]	2
DE-TriTraining (SMO)	[-0.0183 , -0.00075]	2
CoForest	[-0.0264 , 0.00385]	2
Rasco (NN)	[0.0645 , 0.11675]	2
Rasco (C45)	[0.0348 , 0.10215]	2
Rasco (NB)	[0.0303 , 0.0944]	2
Rasco (SMO)	[0.03655 , 0.11255]	2
Co-Bagging (NN)	[-0.0103 , 0.0018]	2
Co-Bagging (C45)	[-0.03265 , -0.0052]	2
Co-Bagging (NB)	[-0.0111 , 0.0296]	2
Co-Bagging (SMO)	[-0.0198 , -0.00325]	2
Rel-Rasco (NN)	[0.0655 , 0.1273]	2
Rel-Rasco (C45)	[0.03835 , 0.10365]	2
Rel-Rasco (NB)	[0.02805 , 0.0897]	2
Rel-Rasco (SMO)	[0.0417 , 0.11565]	2
CLCC	[0.0279 , 0.08655]	2
APSSC	[0.01225 , 0.0474]	2
SNNRCE	[-0.00065 , 0.00735]	2
ADE-CoForest	[-0.00875 , 0.01545]	2

Table 29: Confidence intervals for algorithm SETRED (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0 , 0.00555]	2
Self-Training (C45)	[-0.0318 , 0.0051]	2
Self-Training (NB)	[0.001 , 0.06025]	2
Self-Training (SMO)	[-0.0139 , 0.0221]	2
Co-Training (NN)	[0.00025 , 0.0137]	2
Co-Training (C45)	[-0.0337 , 0.0053]	2
Co-Training (NB)	[-0.0096 , 0.04095]	2
Co-Training (SMO)	[-0.02095 , 0.00685]	2
Democratic-Co	[-0.0352 , -0.00365]	2
TriTraining (NN)	[0.00065 , 0.01625]	2
TriTraining (C45)	[-0.03565 , -0.00375]	2
TriTraining (NB)	[-0.0164 , 0.0394]	2
TriTraining (SMO)	[-0.01805 , 0.0078]	2
DE-TriTraining (NN)	[-0.007 , 0.0124]	2
DE-TriTraining (C45)	[-0.0241 , 0.00955]	2
DE-TriTraining (NB)	[-0.0132 , 0.04005]	2
DE-TriTraining (SMO)	[-0.02005 , 0.0016]	2
CoForest	[-0.0293 , 0.0077]	2
Rasco (NN)	[0.0591 , 0.12395]	2
Rasco (C45)	[0.03015 , 0.11045]	2
Rasco (NB)	[0.025 , 0.10265]	2
Rasco (SMO)	[0.0308 , 0.1207]	2
Co-Bagging (NN)	[-0.01125 , 0.0032]	2
Co-Bagging (C45)	[-0.0354 , -0.0019]	2
Co-Bagging (NB)	[-0.01515 , 0.0347]	2
Co-Bagging (SMO)	[-0.0214 , -0.00175]	2
Rel-Rasco (NN)	[0.0616 , 0.13905]	2
Rel-Rasco (C45)	[0.03235 , 0.11205]	2
Rel-Rasco (NB)	[0.0234 , 0.09645]	2
Rel-Rasco (SMO)	[0.0349 , 0.1237]	2
CLCC	[0.02205 , 0.093]	2
APSSC	[0.0089 , 0.05185]	2
SNNRCE	[-0.0013 , 0.00815]	2
ADE-CoForest	[-0.01115 , 0.02005]	2

Table 30: Confidence intervals for algorithm SETRED (α=0.95)

11 Detailed results for TriTraining (NN)

11.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	573.5	966.5	-	1
Self-Training (C45)	567.0	973.0	-	1
Self-Training (NB)	949.0	591.0	-	0.132594
Self-Training (SMO)	748.0	792.0	-	1
Co-Training (NN)	664.5	875.5	-	1
Co-Training (C45)	540.0	1000.0	-	1
Co-Training (NB)	837.0	703.0	-	0.571295
Co-Training (SMO)	560.0	980.0	-	1
Democratic-Co	437.0	1048.0	-	1
SETRED	501.5	1038.5	-	1
TriTraining (C45)	433.0	1052.0	-	1
TriTraining (NB)	795.5	744.5	-	0.827374
TriTraining (SMO)	610.0	930.0	-	1
DE-TriTraining (NN)	610.5	929.5	-	1
DE-TriTraining (C45)	589.0	951.0	-	1
DE-TriTraining (NB)	801.0	739.0	-	0.791838
DE-TriTraining (SMO)	472.0	1068.0	-	1
CoForest	594.0	946.0	-	1
Rasco (NN)	1443.0	97.0	-	0
Rasco (C45)	1147.0	393.0	-	0.001562
Rasco (NB)	1107.0	433.0	-	0.004687
Rasco (SMO)	1175.0	365.0	-	0.00068
Co-Bagging (NN)	385.5	1099.5	-	1
Co-Bagging (C45)	438.0	1047.0	-	1
Co-Bagging (NB)	783.0	757.0	-	0.909943
Co-Bagging (SMO)	448.0	1037.0	-	1
Rel-Rasco (NN)	1461.0	79.0	-	0
Rel-Rasco (C45)	1167.0	373.0	-	0.000867
Rel-Rasco (NB)	1090.0	450.0	-	0.007125
Rel-Rasco (SMO)	1191.0	349.0	-	0.000413
CLCC	1131.5	408.5	-	0.002396
APSSC	989.0	551.0	-	0.065902
SNNRCE	599.0	886.0	-	1
ADE-CoForest	744.0	796.0	-	1

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

11.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01095 , 0]	2
Self-Training (C45)	[-0.036 , -0.0006]	2
Self-Training (NB)	[-0.0018 , 0.04635]	2
Self-Training (SMO)	[-0.01305 , 0.01475]	2
Co-Training (NN)	[-0.0114 , 0.0027]	2
Co-Training (C45)	[-0.0369 , -0.0033]	2
Co-Training (NB)	[-0.01275 , 0.02905]	2
Co-Training (SMO)	[-0.02605 , -0.0009]	2
Democratic-Co	[-0.0371 , -0.011]	2
SETRED	[-0.0147 , -0.0017]	2
TriTraining (C45)	[-0.03985 , -0.01125]	2
TriTraining (NB)	[-0.0166 , 0.0276]	2
TriTraining (SMO)	[-0.02115 , 0.00265]	2
DE-TriTraining (NN)	[-0.01285 , 0.00145]	2
DE-TriTraining (C45)	[-0.0274 , 0.00115]	2
DE-TriTraining (NB)	[-0.01455 , 0.02415]	2
DE-TriTraining (SMO)	[-0.02745 , -0.00625]	2
CoForest	[-0.0301 , 0.00175]	2
Rasco (NN)	[0.0557 , 0.1111]	2
Rasco (C45)	[0.02795 , 0.0899]	2
Rasco (NB)	[0.02095 , 0.0884]	2
Rasco (SMO)	[0.0266 , 0.10635]	2
Co-Bagging (NN)	[-0.0179 , -0.00565]	2
Co-Bagging (C45)	[-0.03955 , -0.01145]	2
Co-Bagging (NB)	[-0.0178 , 0.0214]	2
Co-Bagging (SMO)	[-0.025 , -0.0058]	2
Rel-Rasco (NN)	[0.0567 , 0.1196]	2
Rel-Rasco (C45)	[0.03165 , 0.0923]	2
Rel-Rasco (NB)	[0.02 , 0.08545]	2
Rel-Rasco (SMO)	[0.03295 , 0.1065]	2
CLCC	[0.01755 , 0.0711]	2
APSSC	[0.00215 , 0.0366]	2
SNNRCE	[-0.0109 , 0.0014]	2
ADE-CoForest	[-0.01495 , 0.01675]	2

Table 32: Confidence intervals for algorithm TriTraining (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.01235 , 0.0007]	2
Self-Training (C45)	[-0.03925 , 0.0022]	2
Self-Training (NB)	[-0.00595 , 0.0526]	2
Self-Training (SMO)	[-0.0167 , 0.018]	2
Co-Training (NN)	[-0.0134 , 0.0043]	2
Co-Training (C45)	[-0.041 , 0.00025]	2
Co-Training (NB)	[-0.01625 , 0.0339]	2
Co-Training (SMO)	[-0.0293 , 0.0022]	2
Democratic-Co	[-0.03995 , -0.00805]	2
SETRED	[-0.01625 , -0.00065]	2
TriTraining (C45)	[-0.04195 , -0.00835]	2
TriTraining (NB)	[-0.0208 , 0.0326]	2
TriTraining (SMO)	[-0.0243 , 0.00455]	2
DE-TriTraining (NN)	[-0.01475 , 0.00285]	2
DE-TriTraining (C45)	[-0.03085 , 0.00475]	2
DE-TriTraining (NB)	[-0.01815 , 0.0303]	2
DE-TriTraining (SMO)	[-0.0299 , -0.0039]	2
CoForest	[-0.0327 , 0.00465]	2
Rasco (NN)	[0.05195 , 0.11865]	2
Rasco (C45)	[0.0229 , 0.0986]	2
Rasco (NB)	[0.0149 , 0.09635]	2
Rasco (SMO)	[0.0219 , 0.11415]	2
Co-Bagging (NN)	[-0.01935 , -0.00445]	2
Co-Bagging (C45)	[-0.04265 , -0.0081]	2
Co-Bagging (NB)	[-0.02075 , 0.027]	2
Co-Bagging (SMO)	[-0.0283 , -0.0041]	2
Rel-Rasco (NN)	[0.05315 , 0.12505]	2
Rel-Rasco (C45)	[0.02755 , 0.0999]	2
Rel-Rasco (NB)	[0.0144 , 0.09115]	2
Rel-Rasco (SMO)	[0.02645 , 0.11605]	2
CLCC	[0.01315 , 0.07885]	2
APSSC	[-0.0014 , 0.0407]	2
SNNRCE	[-0.0122 , 0.00265]	2
ADE-CoForest	[-0.01755 , 0.01975]	2

Table 33: Confidence intervals for algorithm TriTraining (NN) (α=0.95)

12 Detailed results for TriTraining (C45)

12.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1069.5	470.5	-	0.011774
Self-Training (C45)	1022.5	462.5	-	0.015393
Self-Training (NB)	1250.0	290.0	-	0.000056
Self-Training (SMO)	1069.0	471.0	-	0.012005
Co-Training (NN)	1071.0	469.0	-	0.011274
Co-Training (C45)	982.5	502.5	-	0.03714
Co-Training (NB)	1152.0	388.0	-	0.00132
Co-Training (SMO)	990.0	550.0	-	0.064399
Democratic-Co	740.0	745.0	-	1
SETRED	1062.5	477.5	-	0.013891
TriTraining (NN)	1052.0	433.0	-	0.007539
TriTraining (NB)	1099.0	441.0	-	0.005767
TriTraining (SMO)	978.0	562.0	-	0.078752
DE-TriTraining (NN)	1110.5	429.5	-	0.004276
DE-TriTraining (C45)	1155.5	384.5	-	0.001206
DE-TriTraining (NB)	1223.0	317.0	-	0.000143
DE-TriTraining (SMO)	1012.0	528.0	-	0.042174
CoForest	730.0	810.0	-	1
Rasco (NN)	1523.0	17.0	-	0
Rasco (C45)	1530.0	10.0	-	0
Rasco (NB)	1376.0	164.0	-	0
Rasco (SMO)	1431.0	109.0	-	0
Co-Bagging (NN)	1022.0	518.0	-	0.03438
Co-Bagging (C45)	793.5	691.5	-	0.656072
Co-Bagging (NB)	1098.0	387.0	-	0.002151
Co-Bagging (SMO)	948.0	537.0	-	0.076112
Rel-Rasco (NN)	1526.0	14.0	-	0
Rel-Rasco (C45)	1528.0	12.0	-	0
Rel-Rasco (NB)	1329.0	156.0	-	0
Rel-Rasco (SMO)	1439.0	101.0	-	0
CLCC	1336.5	203.5	-	0.000002
APSSC	1185.0	355.0	-	0.000499
SNNRCE	1052.0	488.0	-	0.017936
ADE-CoForest	1142.5	397.5	-	0.001757

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

12.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.00935 , 0.03815]	2
Self-Training (C45)	[0.0011 , 0.0088]	2
Self-Training (NB)	[0.0318 , 0.0695]	2
Self-Training (SMO)	[0.00815 , 0.0399]	2
Co-Training (NN)	[0.0111 , 0.0448]	2
Co-Training (C45)	[0.00085 , 0.01075]	2
Co-Training (NB)	[0.0164 , 0.0524]	2
Co-Training (SMO)	[0.00155 , 0.02975]	2
Democratic-Co	[-0.0072 , 0.00755]	2
SETRED	[0.007 , 0.033]	2
TriTraining (NN)	[0.01125 , 0.03985]	2
TriTraining (NB)	[0.01095 , 0.04935]	2
TriTraining (SMO)	[0.0007 , 0.0276]	2
DE-TriTraining (NN)	[0.0094 , 0.0328]	2
DE-TriTraining (C45)	[0.00855 , 0.0284]	2
DE-TriTraining (NB)	[0.0216 , 0.0539]	2
DE-TriTraining (SMO)	[0.0031 , 0.02945]	2
CoForest	[-0.0118 , 0.0096]	2
Rasco (NN)	[0.098 , 0.1452]	2
Rasco (C45)	[0.05825 , 0.1183]	2
Rasco (NB)	[0.05765 , 0.10895]	2
Rasco (SMO)	[0.0648 , 0.1322]	2
Co-Bagging (NN)	[0.00445 , 0.0266]	2
Co-Bagging (C45)	[-0.00225 , 0.00375]	2
Co-Bagging (NB)	[0.01405 , 0.0479]	2
Co-Bagging (SMO)	[0.0014 , 0.03]	2
Rel-Rasco (NN)	[0.1029 , 0.15245]	2
Rel-Rasco (C45)	[0.0614 , 0.12]	2
Rel-Rasco (NB)	[0.05565 , 0.1047]	2
Rel-Rasco (SMO)	[0.07085 , 0.13425]	2
CLCC	[0.04905 , 0.10695]	2
APSSC	[0.0261 , 0.07075]	2
SNNRCE	[0.00735 , 0.03405]	2
ADE-CoForest	[0.0103 , 0.0377]	2

Table 35: Confidence intervals for algorithm TriTraining (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.0055 , 0.0408]	2
Self-Training (C45)	[0.00045 , 0.0102]	2
Self-Training (NB)	[0.0288 , 0.07425]	2
Self-Training (SMO)	[0.0054 , 0.04345]	2
Co-Training (NN)	[0.0074 , 0.04885]	2
Co-Training (C45)	[0.0002 , 0.012]	2
Co-Training (NB)	[0.01315 , 0.0557]	2
Co-Training (SMO)	[-0.00135 , 0.0326]	2
Democratic-Co	[-0.00895 , 0.0093]	2
SETRED	[0.00375 , 0.03565]	2
TriTraining (NN)	[0.00835 , 0.04195]	2
TriTraining (NB)	[0.00825 , 0.0523]	2
TriTraining (SMO)	[-0.0014 , 0.0299]	2
DE-TriTraining (NN)	[0.0063 , 0.03535]	2
DE-TriTraining (C45)	[0.0068 , 0.03055]	2
DE-TriTraining (NB)	[0.01905 , 0.0572]	2
DE-TriTraining (SMO)	[0.0002 , 0.0321]	2
CoForest	[-0.01355 , 0.01215]	2
Rasco (NN)	[0.09395 , 0.14975]	2
Rasco (C45)	[0.0551 , 0.12565]	2
Rasco (NB)	[0.05285 , 0.11425]	2
Rasco (SMO)	[0.0595 , 0.13885]	2
Co-Bagging (NN)	[0.0013 , 0.0292]	2
Co-Bagging (C45)	[-0.00285 , 0.0047]	2
Co-Bagging (NB)	[0.01145 , 0.05065]	2
Co-Bagging (SMO)	[-0.00215 , 0.03305]	2
Rel-Rasco (NN)	[0.0983 , 0.15735]	2
Rel-Rasco (C45)	[0.05835 , 0.1265]	2
Rel-Rasco (NB)	[0.0507 , 0.11165]	2
Rel-Rasco (SMO)	[0.065 , 0.14]	2
CLCC	[0.0439 , 0.114]	2
APSSC	[0.022 , 0.0749]	2
SNNRCE	[0.0048 , 0.0367]	2
ADE-CoForest	[0.0084 , 0.04065]	2

Table 36: Confidence intervals for algorithm TriTraining (C45) (α=0.95)

13 Detailed results for TriTraining (NB)

13.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	705.0	835.0	-	1
Self-Training (C45)	504.0	1036.0	-	1
Self-Training (NB)	1311.0	174.0	-	0.000001
Self-Training (SMO)	672.5	812.5	-	1
Co-Training (NN)	711.0	774.0	-	1
Co-Training (C45)	475.0	1010.0	-	1
Co-Training (NB)	1104.5	435.5	-	0.004691
Co-Training (SMO)	606.5	878.5	-	1
Democratic-Co	396.0	1089.0	-	1
SETRED	675.0	865.0	-	1
TriTraining (NN)	744.5	795.5	-	1
TriTraining (C45)	441.0	1099.0	-	1
TriTraining (SMO)	631.0	909.0	-	1
DE-TriTraining (NN)	694.0	791.0	-	1
DE-TriTraining (C45)	630.0	910.0	-	1
DE-TriTraining (NB)	934.5	605.5	-	0.16683
DE-TriTraining (SMO)	671.0	869.0	-	1
CoForest	545.0	995.0	-	1
Rasco (NN)	1388.0	152.0	-	0
Rasco (C45)	1179.0	361.0	-	0.000601
Rasco (NB)	1387.5	152.5	-	0
Rasco (SMO)	1185.0	355.0	-	0.000492
Co-Bagging (NN)	590.0	950.0	-	1
Co-Bagging (C45)	446.0	1094.0	-	1
Co-Bagging (NB)	934.5	605.5	-	0.163275
Co-Bagging (SMO)	603.5	881.5	-	1
Rel-Rasco (NN)	1406.0	134.0	-	0
Rel-Rasco (C45)	1182.5	357.5	-	0.000525
Rel-Rasco (NB)	1373.0	112.0	-	0
Rel-Rasco (SMO)	1210.0	330.0	-	0.000224
CLCC	1186.5	353.5	-	0.00047
APSSC	841.0	699.0	-	0.549129
SNNRCE	701.0	839.0	-	1
ADE-CoForest	765.0	775.0	-	1

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

13.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03085 , 0.0162]	2
Self-Training (C45)	[-0.0433 , -0.0066]	2
Self-Training (NB)	[0.0119 , 0.0243]	2
Self-Training (SMO)	[-0.03395 , 0.01585]	2
Co-Training (NN)	[-0.02795 , 0.01705]	2
Co-Training (C45)	[-0.0435 , -0.0073]	2
Co-Training (NB)	[0.002 , 0.0075]	2
Co-Training (SMO)	[-0.0397 , 0.006]	2
Democratic-Co	[-0.033 , -0.0083]	2
SETRED	[-0.0339 , 0.0122]	2
TriTraining (NN)	[-0.0276 , 0.0166]	2
TriTraining (C45)	[-0.04935 , -0.01095]	2
TriTraining (SMO)	[-0.0389 , 0.0062]	2
DE-TriTraining (NN)	[-0.0256 , 0.01445]	2
DE-TriTraining (C45)	[-0.02855 , 0.00575]	2
DE-TriTraining (NB)	[-0.00035 , 0.0097]	2
DE-TriTraining (SMO)	[-0.0325 , 0.01075]	2
CoForest	[-0.0475 , -0.00395]	2
Rasco (NN)	[0.06125 , 0.1198]	2
Rasco (C45)	[0.02865 , 0.0866]	2
Rasco (NB)	[0.02675 , 0.06795]	2
Rasco (SMO)	[0.03635 , 0.0988]	2
Co-Bagging (NN)	[-0.03465 , 0.00105]	2
Co-Bagging (C45)	[-0.04815 , -0.01355]	2
Co-Bagging (NB)	[-0.0005 , 0.00495]	2
Co-Bagging (SMO)	[-0.03475 , 0.00545]	2
Rel-Rasco (NN)	[0.0648 , 0.1212]	2
Rel-Rasco (C45)	[0.03215 , 0.09125]	2
Rel-Rasco (NB)	[0.02465 , 0.06585]	2
Rel-Rasco (SMO)	[0.03785 , 0.1003]	2
CLCC	[0.01815 , 0.05255]	2
APSSC	[-0.01115 , 0.0315]	2
SNNRCE	[-0.0312 , 0.01205]	2
ADE-CoForest	[-0.0212 , 0.01995]	2

Table 38: Confidence intervals for algorithm TriTraining (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.038 , 0.0213]	2
Self-Training (C45)	[-0.04625 , -0.00315]	2
Self-Training (NB)	[0.0108 , 0.02595]	2
Self-Training (SMO)	[-0.03855 , 0.01965]	2
Co-Training (NN)	[-0.0319 , 0.021]	2
Co-Training (C45)	[-0.047 , -0.0034]	2
Co-Training (NB)	[0.00155 , 0.0081]	2
Co-Training (SMO)	[-0.04405 , 0.01135]	2
Democratic-Co	[-0.03595 , -0.00615]	2
SETRED	[-0.0394 , 0.0164]	2
TriTraining (NN)	[-0.0326 , 0.0208]	2
TriTraining (C45)	[-0.0523 , -0.00825]	2
TriTraining (SMO)	[-0.0425 , 0.01025]	2
DE-TriTraining (NN)	[-0.03035 , 0.01785]	2
DE-TriTraining (C45)	[-0.03245 , 0.0091]	2
DE-TriTraining (NB)	[-0.001 , 0.01075]	2
DE-TriTraining (SMO)	[-0.0379 , 0.01405]	2
CoForest	[-0.05235 , 0.0014]	2
Rasco (NN)	[0.05675 , 0.1289]	2
Rasco (C45)	[0.02365 , 0.09455]	2
Rasco (NB)	[0.0241 , 0.0714]	2
Rasco (SMO)	[0.03085 , 0.10625]	2
Co-Bagging (NN)	[-0.0376 , 0.0039]	2
Co-Bagging (C45)	[-0.051 , -0.0092]	2
Co-Bagging (NB)	[-0.00105 , 0.00545]	2
Co-Bagging (SMO)	[-0.0381 , 0.00975]	2
Rel-Rasco (NN)	[0.06095 , 0.1293]	2
Rel-Rasco (C45)	[0.02755 , 0.0992]	2
Rel-Rasco (NB)	[0.0219 , 0.06915]	2
Rel-Rasco (SMO)	[0.03135 , 0.10855]	2
CLCC	[0.015 , 0.058]	2
APSSC	[-0.0147 , 0.0374]	2
SNNRCE	[-0.0363 , 0.01605]	2
ADE-CoForest	[-0.02505 , 0.0229]	2

Table 39: Confidence intervals for algorithm TriTraining (NB) (α=0.95)

14 Detailed results for TriTraining (SMO)

14.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	961.0	579.0	-	0.108236
Self-Training (C45)	697.5	842.5	-	1
Self-Training (NB)	1115.0	425.0	-	0.003794
Self-Training (SMO)	914.5	570.5	-	0.136205
Co-Training (NN)	949.0	591.0	-	0.132594
Co-Training (C45)	638.0	902.0	-	1
Co-Training (NB)	921.0	564.0	-	0.123261
Co-Training (SMO)	637.0	848.0	-	1
Democratic-Co	588.0	897.0	-	1
SETRED	846.5	638.5	-	0.366694
TriTraining (NN)	930.0	610.0	-	0.178704
TriTraining (C45)	562.0	978.0	-	1
TriTraining (NB)	909.0	631.0	-	0.242481
DE-TriTraining (NN)	791.5	693.5	-	0.669623
DE-TriTraining (C45)	835.5	704.5	-	0.580274
DE-TriTraining (NB)	976.0	564.0	-	0.0836
DE-TriTraining (SMO)	681.0	804.0	-	1
CoForest	684.0	856.0	-	1
Rasco (NN)	1468.0	72.0	-	0
Rasco (C45)	1340.0	200.0	-	0.000002
Rasco (NB)	1225.0	315.0	-	0.000131
Rasco (SMO)	1420.0	65.0	-	0
Co-Bagging (NN)	738.5	746.5	-	1
Co-Bagging (C45)	609.0	931.0	-	1
Co-Bagging (NB)	865.0	620.0	-	0.289574
Co-Bagging (SMO)	643.5	841.5	-	1
Rel-Rasco (NN)	1403.0	82.0	-	0
Rel-Rasco (C45)	1364.0	176.0	-	0.000001
Rel-Rasco (NB)	1220.5	319.5	-	0.000155
Rel-Rasco (SMO)	1420.0	65.0	-	0
CLCC	1194.5	345.5	-	0.00037
APSSC	1044.0	441.0	-	0.009315
SNNRCE	897.0	643.0	-	0.285401
ADE-CoForest	891.0	594.0	-	0.199035

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

14.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00025 , 0.0205]	2
Self-Training (C45)	[-0.0205 , 0.00805]	2
Self-Training (NB)	[0.0133 , 0.0573]	2
Self-Training (SMO)	[-0.0003 , 0.00795]	2
Co-Training (NN)	[-0.00115 , 0.02815]	2
Co-Training (C45)	[-0.02205 , 0.00505]	2
Co-Training (NB)	[-0.00095 , 0.04125]	2
Co-Training (SMO)	[-0.00755 , 0.00225]	2
Democratic-Co	[-0.02295 , 0.002]	2
SETRED	[-0.004 , 0.0152]	2
TriTraining (NN)	[-0.00265 , 0.02115]	2
TriTraining (C45)	[-0.0276 , -0.0007]	2
TriTraining (NB)	[-0.0062 , 0.0389]	2
DE-TriTraining (NN)	[-0.00775 , 0.0143]	2
DE-TriTraining (C45)	[-0.00925 , 0.01695]	2
DE-TriTraining (NB)	[0.00135 , 0.04135]	2
DE-TriTraining (SMO)	[-0.01045 , 0.00475]	2
CoForest	[-0.023 , 0.0096]	2
Rasco (NN)	[0.07645 , 0.1291]	2
Rasco (C45)	[0.0494 , 0.0984]	2
Rasco (NB)	[0.0395 , 0.0926]	2
Rasco (SMO)	[0.0524 , 0.0975]	2
Co-Bagging (NN)	[-0.01135 , 0.01125]	2
Co-Bagging (C45)	[-0.02645 , 0.0025]	2
Co-Bagging (NB)	[-0.0065 , 0.03495]	2
Co-Bagging (SMO)	[-0.006 , 0.00225]	2
Rel-Rasco (NN)	[0.0829 , 0.13655]	2
Rel-Rasco (C45)	[0.05295 , 0.10115]	2
Rel-Rasco (NB)	[0.0384 , 0.0936]	2
Rel-Rasco (SMO)	[0.05875 , 0.10725]	2
CLCC	[0.02965 , 0.0926]	2
APSSC	[0.01365 , 0.0538]	2
SNNRCE	[-0.00525 , 0.0167]	2
ADE-CoForest	[-0.0033 , 0.02535]	2

Table 41: Confidence intervals for algorithm TriTraining (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00235 , 0.0227]	2
Self-Training (C45)	[-0.02405 , 0.01135]	2
Self-Training (NB)	[0.00995 , 0.06135]	2
Self-Training (SMO)	[-0.00095 , 0.00965]	2
Co-Training (NN)	[-0.00395 , 0.0309]	2
Co-Training (C45)	[-0.02575 , 0.00755]	2
Co-Training (NB)	[-0.004 , 0.0458]	2
Co-Training (SMO)	[-0.00925 , 0.00365]	2
Democratic-Co	[-0.0264 , 0.0045]	2
SETRED	[-0.0078 , 0.01805]	2
TriTraining (NN)	[-0.00455 , 0.0243]	2
TriTraining (C45)	[-0.0299 , 0.0014]	2
TriTraining (NB)	[-0.01025 , 0.0425]	2
DE-TriTraining (NN)	[-0.00955 , 0.0177]	2
DE-TriTraining (C45)	[-0.0129 , 0.0201]	2
DE-TriTraining (NB)	[-0.00275 , 0.04485]	2
DE-TriTraining (SMO)	[-0.01205 , 0.00605]	2
CoForest	[-0.02525 , 0.0132]	2
Rasco (NN)	[0.0729 , 0.13805]	2
Rasco (C45)	[0.04525 , 0.1038]	2
Rasco (NB)	[0.0339 , 0.09845]	2
Rasco (SMO)	[0.0464 , 0.10535]	2
Co-Bagging (NN)	[-0.0137 , 0.0132]	2
Co-Bagging (C45)	[-0.02915 , 0.00525]	2
Co-Bagging (NB)	[-0.01015 , 0.0393]	2
Co-Bagging (SMO)	[-0.0068 , 0.0035]	2
Rel-Rasco (NN)	[0.07865 , 0.143]	2
Rel-Rasco (C45)	[0.04875 , 0.1061]	2
Rel-Rasco (NB)	[0.0326 , 0.0985]	2
Rel-Rasco (SMO)	[0.0532 , 0.11225]	2
CLCC	[0.02505 , 0.1005]	2
APSSC	[0.00985 , 0.0578]	2
SNNRCE	[-0.00825 , 0.0194]	2
ADE-CoForest	[-0.00695 , 0.02975]	2

Table 42: Confidence intervals for algorithm TriTraining (SMO) (α=0.95)

15 Detailed results for DE-TriTraining (NN)

15.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	767.0	773.0	-	1
Self-Training (C45)	559.0	981.0	-	1
Self-Training (NB)	1039.0	501.0	-	0.023944
Self-Training (SMO)	865.5	674.5	-	0.4212
Co-Training (NN)	793.5	746.5	-	0.840467
Co-Training (C45)	535.0	950.0	-	1
Co-Training (NB)	873.0	667.0	-	0.385844
Co-Training (SMO)	653.0	832.0	-	1
Democratic-Co	450.0	1090.0	-	1
SETRED	711.5	828.5	-	1
TriTraining (NN)	929.5	610.5	-	0.178692
TriTraining (C45)	429.5	1110.5	-	1
TriTraining (NB)	791.0	694.0	-	0.673098
TriTraining (SMO)	693.5	791.5	-	1
DE-TriTraining (C45)	632.5	852.5	-	1
DE-TriTraining (NB)	877.0	608.0	-	0.244573
DE-TriTraining (SMO)	463.5	1021.5	-	1
CoForest	572.0	968.0	-	1
Rasco (NN)	1513.0	27.0	-	0
Rasco (C45)	1216.0	324.0	-	0.000183
Rasco (NB)	1198.0	342.0	-	0.000326
Rasco (SMO)	1212.0	273.0	-	0.000052
Co-Bagging (NN)	471.0	1069.0	-	1
Co-Bagging (C45)	472.0	1068.0	-	1
Co-Bagging (NB)	796.0	689.0	-	0.641966
Co-Bagging (SMO)	621.0	919.0	-	1
Rel-Rasco (NN)	1514.0	26.0	-	0
Rel-Rasco (C45)	1239.0	301.0	-	0.000084
Rel-Rasco (NB)	1175.0	365.0	-	0.00068
Rel-Rasco (SMO)	1226.0	259.0	-	0.00003
CLCC	1209.0	276.0	-	0.000057
APSSC	1006.0	534.0	-	0.0473
SNNRCE	746.5	793.5	-	1
ADE-CoForest	796.5	743.5	-	0.820845

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

15.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00905 , 0.00935]	2
Self-Training (C45)	[-0.02685 , -0.0012]	2
Self-Training (NB)	[0.0086 , 0.04775]	2
Self-Training (SMO)	[-0.0069 , 0.01945]	2
Co-Training (NN)	[-0.0083 , 0.01115]	2
Co-Training (C45)	[-0.0282 , -0.0015]	2
Co-Training (NB)	[-0.00915 , 0.02715]	2
Co-Training (SMO)	[-0.01935 , 0.0073]	2
Democratic-Co	[-0.02785 , -0.0059]	2
SETRED	[-0.0104 , 0.0056]	2
TriTraining (NN)	[-0.00145 , 0.01285]	2
TriTraining (C45)	[-0.0328 , -0.0094]	2
TriTraining (NB)	[-0.01445 , 0.0256]	2
TriTraining (SMO)	[-0.0143 , 0.00775]	2
DE-TriTraining (C45)	[-0.01405 , 0.0036]	2
DE-TriTraining (NB)	[-0.00395 , 0.0249]	2
DE-TriTraining (SMO)	[-0.0142 , -0.00285]	2
CoForest	[-0.0286 , -0.00015]	2
Rasco (NN)	[0.06815 , 0.11125]	2
Rasco (C45)	[0.03955 , 0.0935]	2
Rasco (NB)	[0.0299 , 0.0837]	2
Rasco (SMO)	[0.03815 , 0.0988]	2
Co-Bagging (NN)	[-0.017 , -0.0031]	2
Co-Bagging (C45)	[-0.0332 , -0.00745]	2
Co-Bagging (NB)	[-0.0127 , 0.02325]	2
Co-Bagging (SMO)	[-0.02015 , 0.00285]	2
Rel-Rasco (NN)	[0.07075 , 0.11555]	2
Rel-Rasco (C45)	[0.0421 , 0.0969]	2
Rel-Rasco (NB)	[0.0291 , 0.08285]	2
Rel-Rasco (SMO)	[0.0421 , 0.1064]	2
CLCC	[0.02505 , 0.0692]	2
APSSC	[0.00365 , 0.0377]	2
SNNRCE	[-0.00865 , 0.00665]	2
ADE-CoForest	[-0.00725 , 0.01185]	2

Table 44: Confidence intervals for algorithm DE-TriTraining (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0111 , 0.011]	2
Self-Training (C45)	[-0.0301 , 0.0016]	2
Self-Training (NB)	[0.00445 , 0.0523]	2
Self-Training (SMO)	[-0.0101 , 0.02215]	2
Co-Training (NN)	[-0.0104 , 0.0129]	2
Co-Training (C45)	[-0.03135 , 0.00185]	2
Co-Training (NB)	[-0.01265 , 0.0314]	2
Co-Training (SMO)	[-0.0223 , 0.01015]	2
Democratic-Co	[-0.0312 , -0.00395]	2
SETRED	[-0.0124 , 0.007]	2
TriTraining (NN)	[-0.00285 , 0.01475]	2
TriTraining (C45)	[-0.03535 , -0.0063]	2
TriTraining (NB)	[-0.01785 , 0.03035]	2
TriTraining (SMO)	[-0.0177 , 0.00955]	2
DE-TriTraining (C45)	[-0.0157 , 0.00545]	2
DE-TriTraining (NB)	[-0.0064 , 0.02835]	2
DE-TriTraining (SMO)	[-0.0155 , -0.00155]	2
CoForest	[-0.0307 , 0.0028]	2
Rasco (NN)	[0.0637 , 0.1157]	2
Rasco (C45)	[0.0355 , 0.0984]	2
Rasco (NB)	[0.0259 , 0.0888]	2
Rasco (SMO)	[0.0321 , 0.10625]	2
Co-Bagging (NN)	[-0.01855 , -0.0017]	2
Co-Bagging (C45)	[-0.03515 , -0.0052]	2
Co-Bagging (NB)	[-0.01585 , 0.02765]	2
Co-Bagging (SMO)	[-0.02295 , 0.00595]	2
Rel-Rasco (NN)	[0.0664 , 0.1198]	2
Rel-Rasco (C45)	[0.03715 , 0.10225]	2
Rel-Rasco (NB)	[0.0251 , 0.08855]	2
Rel-Rasco (SMO)	[0.0369 , 0.11255]	2
CLCC	[0.0214 , 0.0754]	2
APSSC	[0.0003 , 0.0422]	2
SNNRCE	[-0.00965 , 0.0076]	2
ADE-CoForest	[-0.00885 , 0.01405]	2

Table 45: Confidence intervals for algorithm DE-TriTraining (NN) (α=0.95)

16 Detailed results for DE-TriTraining (C45)

16.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	919.0	621.0	-	0.210354
Self-Training (C45)	570.0	970.0	-	1
Self-Training (NB)	1091.0	394.0	-	0.002656
Self-Training (SMO)	800.0	685.0	-	0.617503
Co-Training (NN)	957.0	583.0	-	0.116188
Co-Training (C45)	481.5	1003.5	-	1
Co-Training (NB)	969.0	571.0	-	0.094619
Co-Training (SMO)	728.0	757.0	-	1
Democratic-Co	433.0	1052.0	-	1
SETRED	900.5	639.5	-	0.271881
TriTraining (NN)	951.0	589.0	-	0.128334
TriTraining (C45)	384.5	1155.5	-	1
TriTraining (NB)	910.0	630.0	-	0.239121
TriTraining (SMO)	704.5	835.5	-	1
DE-TriTraining (NN)	852.5	632.5	-	0.340867
DE-TriTraining (NB)	1023.0	462.0	-	0.015543
DE-TriTraining (SMO)	717.0	823.0	-	1
CoForest	575.0	965.0	-	1
Rasco (NN)	1510.0	30.0	-	0
Rasco (C45)	1369.0	171.0	-	0.000001
Rasco (NB)	1289.0	251.0	-	0.000013
Rasco (SMO)	1303.0	182.0	-	0.000001
Co-Bagging (NN)	779.0	761.0	-	0.936558
Co-Bagging (C45)	387.0	1153.0	-	1
Co-Bagging (NB)	926.5	613.5	-	0.187439
Co-Bagging (SMO)	740.0	745.0	-	1
Rel-Rasco (NN)	1510.0	30.0	-	0
Rel-Rasco (C45)	1398.0	142.0	-	0
Rel-Rasco (NB)	1275.0	265.0	-	0.000023
Rel-Rasco (SMO)	1314.0	171.0	-	0.000001
CLCC	1265.0	220.0	-	0.000007
APSSC	1074.0	466.0	-	0.010651
SNNRCE	891.0	594.0	-	0.199035
ADE-CoForest	831.5	653.5	-	0.440443

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

16.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0045 , 0.02575]	2
Self-Training (C45)	[-0.0195 , -0.0004]	2
Self-Training (NB)	[0.0178 , 0.05035]	2
Self-Training (SMO)	[-0.01115 , 0.02275]	2
Co-Training (NN)	[-0.00065 , 0.0276]	2
Co-Training (C45)	[-0.0203 , -0.0026]	2
Co-Training (NB)	[0.00045 , 0.0336]	2
Co-Training (SMO)	[-0.0161 , 0.01365]	2
Democratic-Co	[-0.0283 , -0.0053]	2
SETRED	[-0.0058 , 0.0216]	2
TriTraining (NN)	[-0.00115 , 0.0274]	2
TriTraining (C45)	[-0.0284 , -0.00855]	2
TriTraining (NB)	[-0.00575 , 0.02855]	2
TriTraining (SMO)	[-0.01695 , 0.00925]	2
DE-TriTraining (NN)	[-0.0036 , 0.01405]	2
DE-TriTraining (NB)	[0.00515 , 0.0278]	2
DE-TriTraining (SMO)	[-0.01175 , 0.0056]	2
CoForest	[-0.0288 , 0]	2
Rasco (NN)	[0.07805 , 0.11645]	2
Rasco (C45)	[0.04275 , 0.0882]	2
Rasco (NB)	[0.03995 , 0.08535]	2
Rasco (SMO)	[0.04815 , 0.10295]	2
Co-Bagging (NN)	[-0.0113 , 0.0108]	2
Co-Bagging (C45)	[-0.02695 , -0.00925]	2
Co-Bagging (NB)	[-0.0031 , 0.02615]	2
Co-Bagging (SMO)	[-0.01305 , 0.0149]	2
Rel-Rasco (NN)	[0.08165 , 0.11885]	2
Rel-Rasco (C45)	[0.049 , 0.0951]	2
Rel-Rasco (NB)	[0.0391 , 0.0838]	2
Rel-Rasco (SMO)	[0.05145 , 0.10895]	2
CLCC	[0.02875 , 0.0796]	2
APSSC	[0.0138 , 0.052]	2
SNNRCE	[-0.0028 , 0.02375]	2
ADE-CoForest	[-0.0054 , 0.01655]	2

Table 47: Confidence intervals for algorithm DE-TriTraining (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00805 , 0.0284]	2
Self-Training (C45)	[-0.0215 , 0.0013]	2
Self-Training (NB)	[0.0136 , 0.054]	2
Self-Training (SMO)	[-0.01535 , 0.02775]	2
Co-Training (NN)	[-0.00365 , 0.02975]	2
Co-Training (C45)	[-0.02255 , -0.00155]	2
Co-Training (NB)	[-0.00415 , 0.0365]	2
Co-Training (SMO)	[-0.01885 , 0.0165]	2
Democratic-Co	[-0.03045 , -0.0035]	2
SETRED	[-0.00955 , 0.0241]	2
TriTraining (NN)	[-0.00475 , 0.03085]	2
TriTraining (C45)	[-0.03055 , -0.0068]	2
TriTraining (NB)	[-0.0091 , 0.03245]	2
TriTraining (SMO)	[-0.0201 , 0.0129]	2
DE-TriTraining (NN)	[-0.00545 , 0.0157]	2
DE-TriTraining (NB)	[0.0034 , 0.03095]	2
DE-TriTraining (SMO)	[-0.0132 , 0.00715]	2
CoForest	[-0.03165 , 0.00305]	2
Rasco (NN)	[0.07415 , 0.1213]	2
Rasco (C45)	[0.03905 , 0.09475]	2
Rasco (NB)	[0.03715 , 0.0913]	2
Rasco (SMO)	[0.04365 , 0.10875]	2
Co-Bagging (NN)	[-0.0138 , 0.0128]	2
Co-Bagging (C45)	[-0.02915 , -0.00785]	2
Co-Bagging (NB)	[-0.0073 , 0.02935]	2
Co-Bagging (SMO)	[-0.01685 , 0.01865]	2
Rel-Rasco (NN)	[0.07845 , 0.1241]	2
Rel-Rasco (C45)	[0.0448 , 0.1015]	2
Rel-Rasco (NB)	[0.0345 , 0.08955]	2
Rel-Rasco (SMO)	[0.0471 , 0.11615]	2
CLCC	[0.0261 , 0.08455]	2
APSSC	[0.00925 , 0.0561]	2
SNNRCE	[-0.0062 , 0.0258]	2
ADE-CoForest	[-0.0068 , 0.01925]	2

Table 48: Confidence intervals for algorithm DE-TriTraining (C45) (α=0.95)

17 Detailed results for DE-TriTraining (NB)

17.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	696.0	844.0	-	1
Self-Training (C45)	363.0	1122.0	-	1
Self-Training (NB)	1097.0	388.0	-	0.002238
Self-Training (SMO)	636.5	903.5	-	1
Co-Training (NN)	697.5	842.5	-	1
Co-Training (C45)	394.5	1145.5	-	1
Co-Training (NB)	754.5	730.5	-	0.914199
Co-Training (SMO)	582.0	958.0	-	1
Democratic-Co	257.5	1282.5	-	1
SETRED	667.0	873.0	-	1
TriTraining (NN)	739.0	801.0	-	1
TriTraining (C45)	317.0	1223.0	-	1
TriTraining (NB)	605.5	934.5	-	1
TriTraining (SMO)	564.0	976.0	-	1
DE-TriTraining (NN)	608.0	877.0	-	1
DE-TriTraining (C45)	462.0	1023.0	-	1
DE-TriTraining (SMO)	555.0	930.0	-	1
CoForest	485.0	1055.0	-	1
Rasco (NN)	1418.0	122.0	-	0
Rasco (C45)	1196.0	344.0	-	0.000347
Rasco (NB)	1335.0	205.0	-	0.000002
Rasco (SMO)	1178.0	362.0	-	0.000612
Co-Bagging (NN)	536.0	1004.0	-	1
Co-Bagging (C45)	312.5	1227.5	-	1
Co-Bagging (NB)	653.0	887.0	-	1
Co-Bagging (SMO)	610.5	929.5	-	1
Rel-Rasco (NN)	1424.0	116.0	-	0
Rel-Rasco (C45)	1205.0	335.0	-	0.000263
Rel-Rasco (NB)	1328.5	211.5	-	0.000003
Rel-Rasco (SMO)	1200.0	340.0	-	0.000305
CLCC	1253.0	287.0	-	0.00005
APSSC	825.0	715.0	-	0.641925
SNNRCE	680.0	860.0	-	1
ADE-CoForest	666.5	873.5	-	1

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

17.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0339 , 0.01265]	2
Self-Training (C45)	[-0.0468 , -0.016]	2
Self-Training (NB)	[0.00755 , 0.02435]	2
Self-Training (SMO)	[-0.0364 , 0.0073]	2
Co-Training (NN)	[-0.028 , 0.0124]	2
Co-Training (C45)	[-0.04545 , -0.01555]	2
Co-Training (NB)	[-0.00495 , 0.00515]	2
Co-Training (SMO)	[-0.0408 , 0.00055]	2
Democratic-Co	[-0.04145 , -0.01835]	2
SETRED	[-0.0344 , 0.00895]	2
TriTraining (NN)	[-0.02415 , 0.01455]	2
TriTraining (C45)	[-0.0539 , -0.0216]	2
TriTraining (NB)	[-0.0097 , 0.00035]	2
TriTraining (SMO)	[-0.04135 , -0.00135]	2
DE-TriTraining (NN)	[-0.0249 , 0.00395]	2
DE-TriTraining (C45)	[-0.0278 , -0.00515]	2
DE-TriTraining (SMO)	[-0.0318 , 0.00055]	2
CoForest	[-0.0517 , -0.01185]	2
Rasco (NN)	[0.0611 , 0.10065]	2
Rasco (C45)	[0.02685 , 0.07395]	2
Rasco (NB)	[0.0208 , 0.05265]	2
Rasco (SMO)	[0.03 , 0.08865]	2
Co-Bagging (NN)	[-0.03545 , -0.00225]	2
Co-Bagging (C45)	[-0.0522 , -0.02165]	2
Co-Bagging (NB)	[-0.00855 , 0.00205]	2
Co-Bagging (SMO)	[-0.03505 , 0.00295]	2
Rel-Rasco (NN)	[0.06545 , 0.1014]	2
Rel-Rasco (C45)	[0.03045 , 0.0785]	2
Rel-Rasco (NB)	[0.01925 , 0.0581]	2
Rel-Rasco (SMO)	[0.03375 , 0.0922]	2
CLCC	[0.01455 , 0.0411]	2
APSSC	[-0.01445 , 0.028]	2
SNNRCE	[-0.0304 , 0.00945]	2
ADE-CoForest	[-0.0242 , 0.0072]	2

Table 50: Confidence intervals for algorithm DE-TriTraining (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03855 , 0.01735]	2
Self-Training (C45)	[-0.04965 , -0.01365]	2
Self-Training (NB)	[0.0062 , 0.02675]	2
Self-Training (SMO)	[-0.0398 , 0.0125]	2
Co-Training (NN)	[-0.0311 , 0.01675]	2
Co-Training (C45)	[-0.0495 , -0.01225]	2
Co-Training (NB)	[-0.00575 , 0.00625]	2
Co-Training (SMO)	[-0.04495 , 0.0046]	2
Democratic-Co	[-0.044 , -0.0169]	2
SETRED	[-0.04005 , 0.0132]	2
TriTraining (NN)	[-0.0303 , 0.01815]	2
TriTraining (C45)	[-0.0572 , -0.01905]	2
TriTraining (NB)	[-0.01075 , 0.001]	2
TriTraining (SMO)	[-0.04485 , 0.00275]	2
DE-TriTraining (NN)	[-0.02835 , 0.0064]	2
DE-TriTraining (C45)	[-0.03095 , -0.0034]	2
DE-TriTraining (SMO)	[-0.03445 , 0.0041]	2
CoForest	[-0.0549 , -0.00785]	2
Rasco (NN)	[0.0565 , 0.10565]	2
Rasco (C45)	[0.02235 , 0.0802]	2
Rasco (NB)	[0.0188 , 0.05985]	2
Rasco (SMO)	[0.0252 , 0.09605]	2
Co-Bagging (NN)	[-0.03925 , -0.0003]	2
Co-Bagging (C45)	[-0.0551 , -0.01905]	2
Co-Bagging (NB)	[-0.0098 , 0.0029]	2
Co-Bagging (SMO)	[-0.0401 , 0.00685]	2
Rel-Rasco (NN)	[0.062 , 0.1064]	2
Rel-Rasco (C45)	[0.02575 , 0.08465]	2
Rel-Rasco (NB)	[0.01675 , 0.06245]	2
Rel-Rasco (SMO)	[0.0278 , 0.0993]	2
CLCC	[0.01285 , 0.04535]	2
APSSC	[-0.0178 , 0.034]	2
SNNRCE	[-0.03525 , 0.013]	2
ADE-CoForest	[-0.027 , 0.0102]	2

Table 51: Confidence intervals for algorithm DE-TriTraining (NB) (α=0.95)

18 Detailed results for DE-TriTraining (SMO)

18.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1024.0	516.0	-	0.032979
Self-Training (C45)	612.5	872.5	-	1
Self-Training (NB)	1105.0	435.0	-	0.004939
Self-Training (SMO)	883.0	602.0	-	0.224732
Co-Training (NN)	994.0	491.0	-	0.030024
Co-Training (C45)	619.0	921.0	-	1
Co-Training (NB)	933.0	607.0	-	0.170272
Co-Training (SMO)	808.5	731.5	-	0.743847
Democratic-Co	502.0	983.0	-	1
SETRED	977.0	563.0	-	0.081474
TriTraining (NN)	1068.0	472.0	-	0.012384
TriTraining (C45)	528.0	1012.0	-	1
TriTraining (NB)	869.0	671.0	-	0.403977
TriTraining (SMO)	804.0	681.0	-	0.593059
DE-TriTraining (NN)	1021.5	463.5	-	0.01599
DE-TriTraining (C45)	823.0	717.0	-	0.653971
DE-TriTraining (NB)	930.0	555.0	-	0.105132
CoForest	668.0	872.0	-	1
Rasco (NN)	1521.0	19.0	-	0
Rasco (C45)	1313.0	227.0	-	0.000005
Rasco (NB)	1221.0	264.0	-	0.000037
Rasco (SMO)	1345.0	140.0	-	0
Co-Bagging (NN)	873.5	666.5	-	0.382555
Co-Bagging (C45)	555.0	985.0	-	1
Co-Bagging (NB)	867.0	618.0	-	0.281285
Co-Bagging (SMO)	723.0	762.0	-	1
Rel-Rasco (NN)	1518.0	22.0	-	0
Rel-Rasco (C45)	1337.0	203.0	-	0.000002
Rel-Rasco (NB)	1193.0	292.0	-	0.000103
Rel-Rasco (SMO)	1399.5	140.5	-	0
CLCC	1244.0	241.0	-	0.000015
APSSC	1144.0	396.0	-	0.001702
SNNRCE	1006.0	534.0	-	0.047532
ADE-CoForest	914.5	570.5	-	0.136628

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

18.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0036 , 0.02335]	2
Self-Training (C45)	[-0.02235 , 0.00445]	2
Self-Training (NB)	[0.01505 , 0.0531]	2
Self-Training (SMO)	[-0.0025 , 0.0198]	2
Co-Training (NN)	[0.0035 , 0.02695]	2
Co-Training (C45)	[-0.02285 , 0.00285]	2
Co-Training (NB)	[-0.0039 , 0.0326]	2
Co-Training (SMO)	[-0.0069 , 0.01095]	2
Democratic-Co	[-0.02325 , -0.00225]	2
SETRED	[0.00075 , 0.0183]	2
TriTraining (NN)	[0.00625 , 0.02745]	2
TriTraining (C45)	[-0.02945 , -0.0031]	2
TriTraining (NB)	[-0.01075 , 0.0325]	2
TriTraining (SMO)	[-0.00475 , 0.01045]	2
DE-TriTraining (NN)	[0.00285 , 0.0142]	2
DE-TriTraining (C45)	[-0.0056 , 0.01175]	2
DE-TriTraining (NB)	[-0.00055 , 0.0318]	2
CoForest	[-0.02425 , 0.01115]	2
Rasco (NN)	[0.0744 , 0.11615]	2
Rasco (C45)	[0.0503 , 0.0996]	2
Rasco (NB)	[0.0359 , 0.0874]	2
Rasco (SMO)	[0.05545 , 0.1087]	2
Co-Bagging (NN)	[-0.0037 , 0.01085]	2
Co-Bagging (C45)	[-0.02755 , -0.0016]	2
Co-Bagging (NB)	[-0.0051 , 0.0297]	2
Co-Bagging (SMO)	[-0.00845 , 0.0084]	2
Rel-Rasco (NN)	[0.0754 , 0.1243]	2
Rel-Rasco (C45)	[0.05335 , 0.1042]	2
Rel-Rasco (NB)	[0.0353 , 0.0842]	2
Rel-Rasco (SMO)	[0.0542 , 0.11505]	2
CLCC	[0.0312 , 0.08085]	2
APSSC	[0.01845 , 0.0593]	2
SNNRCE	[0.0025 , 0.0214]	2
ADE-CoForest	[-0.0006 , 0.01815]	2

Table 53: Confidence intervals for algorithm DE-TriTraining (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.00115 , 0.0251]	2
Self-Training (C45)	[-0.02525 , 0.00785]	2
Self-Training (NB)	[0.01025 , 0.05765]	2
Self-Training (SMO)	[-0.00465 , 0.0226]	2
Co-Training (NN)	[0.0016 , 0.02855]	2
Co-Training (C45)	[-0.0256 , 0.0051]	2
Co-Training (NB)	[-0.00775 , 0.0379]	2
Co-Training (SMO)	[-0.0086 , 0.01325]	2
Democratic-Co	[-0.0258 , -0.0007]	2
SETRED	[-0.0016 , 0.02005]	2
TriTraining (NN)	[0.0039 , 0.0299]	2
TriTraining (C45)	[-0.0321 , -0.0002]	2
TriTraining (NB)	[-0.01405 , 0.0379]	2
TriTraining (SMO)	[-0.00605 , 0.01205]	2
DE-TriTraining (NN)	[0.00155 , 0.0155]	2
DE-TriTraining (C45)	[-0.00715 , 0.0132]	2
DE-TriTraining (NB)	[-0.0041 , 0.03445]	2
CoForest	[-0.0272 , 0.0152]	2
Rasco (NN)	[0.071 , 0.12325]	2
Rasco (C45)	[0.04645 , 0.10465]	2
Rasco (NB)	[0.031 , 0.095]	2
Rasco (SMO)	[0.0455 , 0.1129]	2
Co-Bagging (NN)	[-0.00535 , 0.01225]	2
Co-Bagging (C45)	[-0.0305 , 0.00095]	2
Co-Bagging (NB)	[-0.0086 , 0.0342]	2
Co-Bagging (SMO)	[-0.01015 , 0.01105]	2
Rel-Rasco (NN)	[0.0719 , 0.1297]	2
Rel-Rasco (C45)	[0.049 , 0.10745]	2
Rel-Rasco (NB)	[0.03115 , 0.0897]	2
Rel-Rasco (SMO)	[0.0486 , 0.12095]	2
CLCC	[0.029 , 0.0908]	2
APSSC	[0.0147 , 0.06275]	2
SNNRCE	[0.0002 , 0.02305]	2
ADE-CoForest	[-0.00235 , 0.0209]	2

Table 54: Confidence intervals for algorithm DE-TriTraining (SMO) (α=0.95)

19 Detailed results for CoForest

19.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	943.5	596.5	-	0.144456
Self-Training (C45)	879.0	606.0	-	0.238159
Self-Training (NB)	1060.0	425.0	-	0.00618
Self-Training (SMO)	905.0	635.0	-	0.255754
Co-Training (NN)	989.0	551.0	-	0.065902
Co-Training (C45)	880.0	660.0	-	0.354535
Co-Training (NB)	1020.5	519.5	-	0.035272
Co-Training (SMO)	786.0	699.0	-	0.7048
Democratic-Co	785.5	754.5	-	0.893247
SETRED	895.0	590.0	-	0.187717
TriTraining (NN)	946.0	594.0	-	0.13919
TriTraining (C45)	810.0	730.0	-	0.733824
TriTraining (NB)	995.0	545.0	-	0.058843
TriTraining (SMO)	856.0	684.0	-	0.468609
DE-TriTraining (NN)	968.0	572.0	-	0.096284
DE-TriTraining (C45)	965.0	575.0	-	0.100705
DE-TriTraining (NB)	1055.0	485.0	-	0.016639
DE-TriTraining (SMO)	872.0	668.0	-	0.39045
Rasco (NN)	1374.0	166.0	-	0
Rasco (C45)	1241.5	298.5	-	0.000075
Rasco (NB)	1196.0	344.0	-	0.000352
Rasco (SMO)	1228.0	312.0	-	0.000122
Co-Bagging (NN)	866.5	673.5	-	0.415891
Co-Bagging (C45)	784.0	701.0	-	0.717338
Co-Bagging (NB)	953.0	532.0	-	0.069254
Co-Bagging (SMO)	813.0	727.0	-	0.715509
Rel-Rasco (NN)	1377.0	163.0	-	0
Rel-Rasco (C45)	1253.0	287.0	-	0.000051
Rel-Rasco (NB)	1183.0	357.0	-	0.000531
Rel-Rasco (SMO)	1241.0	299.0	-	0.000078
CLCC	1288.5	251.5	-	0.000013
APSSC	1022.0	518.0	-	0.03438
SNNRCE	965.5	574.5	-	0.100193
ADE-CoForest	1109.0	376.0	-	0.001506

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

19.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.00185 , 0.0292]	2
Self-Training (C45)	[-0.00335 , 0.0186]	2
Self-Training (NB)	[0.01965 , 0.06715]	2
Self-Training (SMO)	[-0.0058 , 0.0274]	2
Co-Training (NN)	[0.00215 , 0.03185]	2
Co-Training (C45)	[-0.0064 , 0.0183]	2
Co-Training (NB)	[0.0067 , 0.0522]	2
Co-Training (SMO)	[-0.013 , 0.0207]	2
Democratic-Co	[-0.0154 , 0.0145]	2
SETRED	[-0.00385 , 0.0264]	2
TriTraining (NN)	[-0.00175 , 0.0301]	2
TriTraining (C45)	[-0.0096 , 0.0118]	2
TriTraining (NB)	[0.00395 , 0.0475]	2
TriTraining (SMO)	[-0.0096 , 0.023]	2
DE-TriTraining (NN)	[0.00015 , 0.0286]	2
DE-TriTraining (C45)	[0 , 0.0288]	2
DE-TriTraining (NB)	[0.01185 , 0.0517]	2
DE-TriTraining (SMO)	[-0.01115 , 0.02425]	2
Rasco (NN)	[0.08 , 0.1288]	2
Rasco (C45)	[0.0477 , 0.1036]	2
Rasco (NB)	[0.0415 , 0.10285]	2
Rasco (SMO)	[0.04705 , 0.1187]	2
Co-Bagging (NN)	[-0.0069 , 0.0198]	2
Co-Bagging (C45)	[-0.0083 , 0.0097]	2
Co-Bagging (NB)	[0.00355 , 0.04495]	2
Co-Bagging (SMO)	[-0.01205 , 0.0197]	2
Rel-Rasco (NN)	[0.08595 , 0.1389]	2
Rel-Rasco (C45)	[0.0509 , 0.1042]	2
Rel-Rasco (NB)	[0.03885 , 0.10115]	2
Rel-Rasco (SMO)	[0.05105 , 0.12645]	2
CLCC	[0.0302 , 0.0826]	2
APSSC	[0.0067 , 0.0521]	2
SNNRCE	[0 , 0.0263]	2
ADE-CoForest	[0.00685 , 0.02715]	2

Table 56: Confidence intervals for algorithm CoForest (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0057 , 0.0315]	2
Self-Training (C45)	[-0.00595 , 0.021]	2
Self-Training (NB)	[0.01445 , 0.0736]	2
Self-Training (SMO)	[-0.01005 , 0.0304]	2
Co-Training (NN)	[-0.0008 , 0.0358]	2
Co-Training (C45)	[-0.01 , 0.0208]	2
Co-Training (NB)	[0.0018 , 0.05675]	2
Co-Training (SMO)	[-0.0163 , 0.02365]	2
Democratic-Co	[-0.0196 , 0.017]	2
SETRED	[-0.0077 , 0.0293]	2
TriTraining (NN)	[-0.00465 , 0.0327]	2
TriTraining (C45)	[-0.01215 , 0.01355]	2
TriTraining (NB)	[-0.0014 , 0.05235]	2
TriTraining (SMO)	[-0.0132 , 0.02525]	2
DE-TriTraining (NN)	[-0.0028 , 0.0307]	2
DE-TriTraining (C45)	[-0.00305 , 0.03165]	2
DE-TriTraining (NB)	[0.00785 , 0.0549]	2
DE-TriTraining (SMO)	[-0.0152 , 0.0272]	2
Rasco (NN)	[0.07575 , 0.1341]	2
Rasco (C45)	[0.0438 , 0.1116]	2
Rasco (NB)	[0.0337 , 0.10975]	2
Rasco (SMO)	[0.0408 , 0.1287]	2
Co-Bagging (NN)	[-0.0095 , 0.02215]	2
Co-Bagging (C45)	[-0.0107 , 0.0114]	2
Co-Bagging (NB)	[-0.0022 , 0.04865]	2
Co-Bagging (SMO)	[-0.0154 , 0.02295]	2
Rel-Rasco (NN)	[0.0816 , 0.14525]	2
Rel-Rasco (C45)	[0.04625 , 0.11155]	2
Rel-Rasco (NB)	[0.03345 , 0.1069]	2
Rel-Rasco (SMO)	[0.0464 , 0.13485]	2
CLCC	[0.02645 , 0.0914]	2
APSSC	[0.00195 , 0.0569]	2
SNNRCE	[-0.0031 , 0.02955]	2
ADE-CoForest	[0.00515 , 0.03015]	2

Table 57: Confidence intervals for algorithm CoForest (α=0.95)

20 Detailed results for Rasco (NN)

20.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	31.0	1509.0	-	1
Self-Training (C45)	34.0	1506.0	-	1
Self-Training (NB)	301.0	1239.0	-	1
Self-Training (SMO)	111.0	1429.0	-	1
Co-Training (NN)	83.0	1402.0	-	1
Co-Training (C45)	27.0	1513.0	-	1
Co-Training (NB)	200.0	1340.0	-	1
Co-Training (SMO)	64.0	1476.0	-	1
Democratic-Co	30.0	1510.0	-	1
SETRED	16.0	1524.0	-	1
TriTraining (NN)	97.0	1443.0	-	1
TriTraining (C45)	17.0	1523.0	-	1
TriTraining (NB)	152.0	1388.0	-	1
TriTraining (SMO)	72.0	1468.0	-	1
DE-TriTraining (NN)	27.0	1513.0	-	1
DE-TriTraining (C45)	30.0	1510.0	-	1
DE-TriTraining (NB)	122.0	1418.0	-	1
DE-TriTraining (SMO)	19.0	1521.0	-	1
CoForest	166.0	1374.0	-	1
Rasco (C45)	424.0	1061.0	-	1
Rasco (NB)	392.0	1148.0	-	1
Rasco (SMO)	431.0	1109.0	-	1
Co-Bagging (NN)	5.0	1535.0	-	1
Co-Bagging (C45)	10.0	1530.0	-	1
Co-Bagging (NB)	135.5	1404.5	-	1
Co-Bagging (SMO)	45.0	1495.0	-	1
Rel-Rasco (NN)	832.0	653.0	-	0.4374
Rel-Rasco (C45)	455.0	1030.0	-	1
Rel-Rasco (NB)	413.0	1127.0	-	1
Rel-Rasco (SMO)	417.0	1068.0	-	1
CLCC	483.0	1057.0	-	1
APSSC	300.0	1240.0	-	1
SNNRCE	44.0	1496.0	-	1
ADE-CoForest	187.0	1353.0	-	1

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

20.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.11855 , -0.0593]	2
Self-Training (C45)	[-0.13505 , -0.0921]	2
Self-Training (NB)	[-0.0927 , -0.03455]	2
Self-Training (SMO)	[-0.11395 , -0.06745]	2
Co-Training (NN)	[-0.1098 , -0.05925]	2
Co-Training (C45)	[-0.13445 , -0.0884]	2
Co-Training (NB)	[-0.1139 , -0.0556]	2
Co-Training (SMO)	[-0.1327 , -0.0754]	2
Democratic-Co	[-0.1387 , -0.08575]	2
SETRED	[-0.11675 , -0.0645]	2
TriTraining (NN)	[-0.1111 , -0.0557]	2
TriTraining (C45)	[-0.1452 , -0.098]	2
TriTraining (NB)	[-0.1198 , -0.06125]	2
TriTraining (SMO)	[-0.1291 , -0.07645]	2
DE-TriTraining (NN)	[-0.11125 , -0.06815]	2
DE-TriTraining (C45)	[-0.11645 , -0.07805]	2
DE-TriTraining (NB)	[-0.10065 , -0.0611]	2
DE-TriTraining (SMO)	[-0.11615 , -0.0744]	2
CoForest	[-0.1288 , -0.08]	2
Rasco (C45)	[-0.0393 , -0.01105]	2
Rasco (NB)	[-0.06225 , -0.0225]	2
Rasco (SMO)	[-0.0428 , -0.01485]	2
Co-Bagging (NN)	[-0.1195 , -0.07395]	2
Co-Bagging (C45)	[-0.142 , -0.09845]	2
Co-Bagging (NB)	[-0.1196 , -0.06505]	2
Co-Bagging (SMO)	[-0.1225 , -0.07395]	2
Rel-Rasco (NN)	[-0.00175 , 0.0076]	2
Rel-Rasco (C45)	[-0.04075 , -0.00865]	2
Rel-Rasco (NB)	[-0.0647 , -0.019]	2
Rel-Rasco (SMO)	[-0.03895 , -0.0133]	2
CLCC	[-0.0591 , -0.0128]	2
APSSC	[-0.0957 , -0.0435]	2
SNNRCE	[-0.1137 , -0.06205]	2
ADE-CoForest	[-0.10325 , -0.06305]	2

Table 59: Confidence intervals for algorithm Rasco (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1256 , -0.0571]	2
Self-Training (C45)	[-0.1386 , -0.08565]	2
Self-Training (NB)	[-0.1038 , -0.03065]	2
Self-Training (SMO)	[-0.11935 , -0.06345]	2
Co-Training (NN)	[-0.11575 , -0.05525]	2
Co-Training (C45)	[-0.1381 , -0.085]	2
Co-Training (NB)	[-0.12195 , -0.05075]	2
Co-Training (SMO)	[-0.14235 , -0.071]	2
Democratic-Co	[-0.1461 , -0.0817]	2
SETRED	[-0.12395 , -0.0591]	2
TriTraining (NN)	[-0.11865 , -0.05195]	2
TriTraining (C45)	[-0.14975 , -0.09395]	2
TriTraining (NB)	[-0.1289 , -0.05675]	2
TriTraining (SMO)	[-0.13805 , -0.0729]	2
DE-TriTraining (NN)	[-0.1157 , -0.0637]	2
DE-TriTraining (C45)	[-0.1213 , -0.07415]	2
DE-TriTraining (NB)	[-0.10565 , -0.0565]	2
DE-TriTraining (SMO)	[-0.12325 , -0.071]	2
CoForest	[-0.1341 , -0.07575]	2
Rasco (C45)	[-0.0434 , -0.0085]	2
Rasco (NB)	[-0.0673 , -0.01805]	2
Rasco (SMO)	[-0.04575 , -0.0109]	2
Co-Bagging (NN)	[-0.1264 , -0.0688]	2
Co-Bagging (C45)	[-0.14675 , -0.0937]	2
Co-Bagging (NB)	[-0.1267 , -0.0601]	2
Co-Bagging (SMO)	[-0.1291 , -0.06965]	2
Rel-Rasco (NN)	[-0.0023 , 0.00885]	2
Rel-Rasco (C45)	[-0.0444 , -0.0054]	2
Rel-Rasco (NB)	[-0.0682 , -0.0142]	2
Rel-Rasco (SMO)	[-0.04135 , -0.01]	2
CLCC	[-0.06325 , -0.0084]	2
APSSC	[-0.1024 , -0.0383]	2
SNNRCE	[-0.12305 , -0.05895]	2
ADE-CoForest	[-0.10735 , -0.0582]	2

Table 60: Confidence intervals for algorithm Rasco (NN) (α=0.95)

21 Detailed results for Rasco (C45)

21.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	375.0	1165.0	-	1
Self-Training (C45)	6.0	1534.0	-	1
Self-Training (NB)	528.5	1011.5	-	1
Self-Training (SMO)	332.0	1208.0	-	1
Co-Training (NN)	392.0	1148.0	-	1
Co-Training (C45)	2.0	1538.0	-	1
Co-Training (NB)	414.0	1126.0	-	1
Co-Training (SMO)	187.0	1353.0	-	1
Democratic-Co	93.0	1447.0	-	1
SETRED	350.0	1190.0	-	1
TriTraining (NN)	393.0	1147.0	-	1
TriTraining (C45)	10.0	1530.0	-	1
TriTraining (NB)	361.0	1179.0	-	1
TriTraining (SMO)	200.0	1340.0	-	1
DE-TriTraining (NN)	324.0	1216.0	-	1
DE-TriTraining (C45)	171.0	1369.0	-	1
DE-TriTraining (NB)	344.0	1196.0	-	1
DE-TriTraining (SMO)	227.0	1313.0	-	1
CoForest	298.5	1241.5	-	1
Rasco (NN)	1061.0	424.0	-	0.006021
Rasco (NB)	623.0	917.0	-	1
Rasco (SMO)	790.0	750.0	-	0.863626
Co-Bagging (NN)	287.0	1253.0	-	1
Co-Bagging (C45)	2.0	1538.0	-	1
Co-Bagging (NB)	337.0	1203.0	-	1
Co-Bagging (SMO)	223.0	1317.0	-	1
Rel-Rasco (NN)	1154.0	386.0	-	0.001245
Rel-Rasco (C45)	805.5	734.5	-	0.762211
Rel-Rasco (NB)	643.5	896.5	-	1
Rel-Rasco (SMO)	804.0	736.0	-	0.772071
CLCC	726.0	814.0	-	1
APSSC	562.0	978.0	-	1
SNNRCE	355.0	1185.0	-	1
ADE-CoForest	417.0	1123.0	-	1

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

21.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0993 , -0.0311]	2
Self-Training (C45)	[-0.1016 , -0.0514]	2
Self-Training (NB)	[-0.06245 , -0.00555]	2
Self-Training (SMO)	[-0.08915 , -0.0356]	2
Co-Training (NN)	[-0.09415 , -0.0294]	2
Co-Training (C45)	[-0.1095 , -0.05255]	2
Co-Training (NB)	[-0.086 , -0.02275]	2
Co-Training (SMO)	[-0.10235 , -0.0471]	2
Democratic-Co	[-0.10445 , -0.05365]	2
SETRED	[-0.10215 , -0.0348]	2
TriTraining (NN)	[-0.0899 , -0.02795]	2
TriTraining (C45)	[-0.1183 , -0.05825]	2
TriTraining (NB)	[-0.0866 , -0.02865]	2
TriTraining (SMO)	[-0.0984 , -0.0494]	2
DE-TriTraining (NN)	[-0.0935 , -0.03955]	2
DE-TriTraining (C45)	[-0.0882 , -0.04275]	2
DE-TriTraining (NB)	[-0.07395 , -0.02685]	2
DE-TriTraining (SMO)	[-0.0996 , -0.0503]	2
CoForest	[-0.1036 , -0.0477]	2
Rasco (NN)	[0.01105 , 0.0393]	2
Rasco (NB)	[-0.0358 , 0.00555]	2
Rasco (SMO)	[-0.01465 , 0.01665]	2
Co-Bagging (NN)	[-0.10205 , -0.04355]	2
Co-Bagging (C45)	[-0.11225 , -0.06035]	2
Co-Bagging (NB)	[-0.0883 , -0.03245]	2
Co-Bagging (SMO)	[-0.09515 , -0.0423]	2
Rel-Rasco (NN)	[0.0164 , 0.047]	2
Rel-Rasco (C45)	[-0.00375 , 0.0047]	2
Rel-Rasco (NB)	[-0.03555 , 0.00905]	2
Rel-Rasco (SMO)	[-0.0126 , 0.0191]	2
CLCC	[-0.0336 , 0.0232]	2
APSSC	[-0.06605 , -0.00225]	2
SNNRCE	[-0.0973 , -0.03365]	2
ADE-CoForest	[-0.0848 , -0.02685]	2

Table 62: Confidence intervals for algorithm Rasco (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10635 , -0.0255]	2
Self-Training (C45)	[-0.11015 , -0.04795]	2
Self-Training (NB)	[-0.0693 , -0.00145]	2
Self-Training (SMO)	[-0.0941 , -0.02975]	2
Co-Training (NN)	[-0.10225 , -0.02405]	2
Co-Training (C45)	[-0.11845 , -0.0493]	2
Co-Training (NB)	[-0.0925 , -0.01785]	2
Co-Training (SMO)	[-0.1066 , -0.0433]	2
Democratic-Co	[-0.11295 , -0.0501]	2
SETRED	[-0.11045 , -0.03015]	2
TriTraining (NN)	[-0.0986 , -0.0229]	2
TriTraining (C45)	[-0.12565 , -0.0551]	2
TriTraining (NB)	[-0.09455 , -0.02365]	2
TriTraining (SMO)	[-0.1038 , -0.04525]	2
DE-TriTraining (NN)	[-0.0984 , -0.0355]	2
DE-TriTraining (C45)	[-0.09475 , -0.03905]	2
DE-TriTraining (NB)	[-0.0802 , -0.02235]	2
DE-TriTraining (SMO)	[-0.10465 , -0.04645]	2
CoForest	[-0.1116 , -0.0438]	2
Rasco (NN)	[0.0085 , 0.0434]	2
Rasco (NB)	[-0.04005 , 0.0103]	2
Rasco (SMO)	[-0.01935 , 0.01925]	2
Co-Bagging (NN)	[-0.10975 , -0.03885]	2
Co-Bagging (C45)	[-0.1194 , -0.05565]	2
Co-Bagging (NB)	[-0.0948 , -0.02795]	2
Co-Bagging (SMO)	[-0.10105 , -0.03855]	2
Rel-Rasco (NN)	[0.0127 , 0.0506]	2
Rel-Rasco (C45)	[-0.0048 , 0.0058]	2
Rel-Rasco (NB)	[-0.0419 , 0.0131]	2
Rel-Rasco (SMO)	[-0.0154 , 0.02205]	2
CLCC	[-0.03875 , 0.02825]	2
APSSC	[-0.07415 , 0.0043]	2
SNNRCE	[-0.1052 , -0.0272]	2
ADE-CoForest	[-0.09015 , -0.02065]	2

Table 63: Confidence intervals for algorithm Rasco (C45) (α=0.95)

22 Detailed results for Rasco (NB)

22.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	410.0	1130.0	-	1
Self-Training (C45)	213.0	1327.0	-	1
Self-Training (NB)	469.5	1070.5	-	1
Self-Training (SMO)	406.0	1134.0	-	1
Co-Training (NN)	411.0	1129.0	-	1
Co-Training (C45)	197.0	1343.0	-	1
Co-Training (NB)	210.0	1330.0	-	1
Co-Training (SMO)	328.0	1212.0	-	1
Democratic-Co	109.0	1431.0	-	1
SETRED	367.0	1173.0	-	1
TriTraining (NN)	433.0	1107.0	-	1
TriTraining (C45)	164.0	1376.0	-	1
TriTraining (NB)	152.5	1387.5	-	1
TriTraining (SMO)	315.0	1225.0	-	1
DE-TriTraining (NN)	342.0	1198.0	-	1
DE-TriTraining (C45)	251.0	1289.0	-	1
DE-TriTraining (NB)	205.0	1335.0	-	1
DE-TriTraining (SMO)	264.0	1221.0	-	1
CoForest	344.0	1196.0	-	1
Rasco (NN)	1148.0	392.0	-	0.001518
Rasco (C45)	917.0	623.0	-	0.21652
Rasco (SMO)	919.5	620.5	-	0.208356
Co-Bagging (NN)	301.0	1239.0	-	1
Co-Bagging (C45)	149.0	1336.0	-	1
Co-Bagging (NB)	115.0	1425.0	-	1
Co-Bagging (SMO)	333.5	1206.5	-	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)	921.0	619.0	-	0.203842
CLCC	750.0	790.0	-	1
APSSC	568.0	972.0	-	1
SNNRCE	388.0	1152.0	-	1
ADE-CoForest	416.0	1124.0	-	1

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

22.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.09365 , -0.0261]	2
Self-Training (C45)	[-0.0993 , -0.0519]	2
Self-Training (NB)	[-0.04375 , -0.0048]	2
Self-Training (SMO)	[-0.08575 , -0.02695]	2
Co-Training (NN)	[-0.0843 , -0.0245]	2
Co-Training (C45)	[-0.1017 , -0.05035]	2
Co-Training (NB)	[-0.063 , -0.02015]	2
Co-Training (SMO)	[-0.0937 , -0.0367]	2
Democratic-Co	[-0.0984 , -0.0508]	2
SETRED	[-0.0944 , -0.0303]	2
TriTraining (NN)	[-0.0884 , -0.02095]	2
TriTraining (C45)	[-0.10895 , -0.05765]	2
TriTraining (NB)	[-0.06795 , -0.02675]	2
TriTraining (SMO)	[-0.0926 , -0.0395]	2
DE-TriTraining (NN)	[-0.0837 , -0.0299]	2
DE-TriTraining (C45)	[-0.08535 , -0.03995]	2
DE-TriTraining (NB)	[-0.05265 , -0.0208]	2
DE-TriTraining (SMO)	[-0.0874 , -0.0359]	2
CoForest	[-0.10285 , -0.0415]	2
Rasco (NN)	[0.0225 , 0.06225]	2
Rasco (C45)	[-0.00555 , 0.0358]	2
Rasco (SMO)	[-0.00455 , 0.04225]	2
Co-Bagging (NN)	[-0.0998 , -0.03665]	2
Co-Bagging (C45)	[-0.1065 , -0.05745]	2
Co-Bagging (NB)	[-0.0713 , -0.0253]	2
Co-Bagging (SMO)	[-0.08755 , -0.0348]	2
Rel-Rasco (NN)	[0.02615 , 0.0654]	2
Rel-Rasco (C45)	[-0.0046 , 0.0432]	2
Rel-Rasco (NB)	[-0.0072 , -0.00005]	2
Rel-Rasco (SMO)	[-0.0056 , 0.04235]	2
CLCC	[-0.02355 , 0.01845]	2
APSSC	[-0.0652 , -0.0006]	2
SNNRCE	[-0.09315 , -0.0274]	2
ADE-CoForest	[-0.0743 , -0.0218]	2

Table 65: Confidence intervals for algorithm Rasco (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10115 , -0.02095]	2
Self-Training (C45)	[-0.1052 , -0.04795]	2
Self-Training (NB)	[-0.0492 , -0.003]	2
Self-Training (SMO)	[-0.09215 , -0.0211]	2
Co-Training (NN)	[-0.09095 , -0.0182]	2
Co-Training (C45)	[-0.107 , -0.0462]	2
Co-Training (NB)	[-0.06995 , -0.0182]	2
Co-Training (SMO)	[-0.1005 , -0.0314]	2
Democratic-Co	[-0.1036 , -0.04695]	2
SETRED	[-0.10265 , -0.025]	2
TriTraining (NN)	[-0.09635 , -0.0149]	2
TriTraining (C45)	[-0.11425 , -0.05285]	2
TriTraining (NB)	[-0.0714 , -0.0241]	2
TriTraining (SMO)	[-0.09845 , -0.0339]	2
DE-TriTraining (NN)	[-0.0888 , -0.0259]	2
DE-TriTraining (C45)	[-0.0913 , -0.03715]	2
DE-TriTraining (NB)	[-0.05985 , -0.0188]	2
DE-TriTraining (SMO)	[-0.095 , -0.031]	2
CoForest	[-0.10975 , -0.0337]	2
Rasco (NN)	[0.01805 , 0.0673]	2
Rasco (C45)	[-0.0103 , 0.04005]	2
Rasco (SMO)	[-0.0103 , 0.04725]	2
Co-Bagging (NN)	[-0.1063 , -0.0311]	2
Co-Bagging (C45)	[-0.1126 , -0.05265]	2
Co-Bagging (NB)	[-0.0745 , -0.022]	2
Co-Bagging (SMO)	[-0.09445 , -0.03015]	2
Rel-Rasco (NN)	[0.0222 , 0.0703]	2
Rel-Rasco (C45)	[-0.01035 , 0.0476]	2
Rel-Rasco (NB)	[-0.0082 , 0.00055]	2
Rel-Rasco (SMO)	[-0.00985 , 0.048]	2
CLCC	[-0.02905 , 0.0231]	2
APSSC	[-0.07085 , 0.00405]	2
SNNRCE	[-0.10115 , -0.02225]	2
ADE-CoForest	[-0.0793 , -0.0175]	2

Table 66: Confidence intervals for algorithm Rasco (NB) (α=0.95)

23 Detailed results for Rasco (SMO)

23.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	337.0	1203.0	-	1
Self-Training (C45)	137.0	1403.0	-	1
Self-Training (NB)	478.0	1062.0	-	1
Self-Training (SMO)	242.0	1243.0	-	1
Co-Training (NN)	384.0	1156.0	-	1
Co-Training (C45)	139.5	1400.5	-	1
Co-Training (NB)	390.5	1149.5	-	1
Co-Training (SMO)	125.0	1360.0	-	1
Democratic-Co	152.0	1333.0	-	1
SETRED	313.0	1227.0	-	1
TriTraining (NN)	365.0	1175.0	-	1
TriTraining (C45)	109.0	1431.0	-	1
TriTraining (NB)	355.0	1185.0	-	1
TriTraining (SMO)	65.0	1420.0	-	1
DE-TriTraining (NN)	273.0	1212.0	-	1
DE-TriTraining (C45)	182.0	1303.0	-	1
DE-TriTraining (NB)	362.0	1178.0	-	1
DE-TriTraining (SMO)	140.0	1345.0	-	1
CoForest	312.0	1228.0	-	1
Rasco (NN)	1109.0	431.0	-	0.004448
Rasco (C45)	750.0	790.0	-	1
Rasco (NB)	620.5	919.5	-	1
Co-Bagging (NN)	238.0	1302.0	-	1
Co-Bagging (C45)	100.0	1440.0	-	1
Co-Bagging (NB)	326.0	1214.0	-	1
Co-Bagging (SMO)	115.5	1369.5	-	1
Rel-Rasco (NN)	1135.0	405.0	-	0.002173
Rel-Rasco (C45)	809.0	731.0	-	0.74068
Rel-Rasco (NB)	636.0	904.0	-	1
Rel-Rasco (SMO)	817.5	722.5	-	0.686001
CLCC	669.0	816.0	-	1
APSSC	518.0	1022.0	-	1
SNNRCE	320.0	1220.0	-	1
ADE-CoForest	379.0	1106.0	-	1

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

23.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10965 , -0.0325]	2
Self-Training (C45)	[-0.1215 , -0.05755]	2
Self-Training (NB)	[-0.0734 , -0.01345]	2
Self-Training (SMO)	[-0.09575 , -0.03725]	2
Co-Training (NN)	[-0.1052 , -0.03065]	2
Co-Training (C45)	[-0.12215 , -0.0593]	2
Co-Training (NB)	[-0.09735 , -0.03245]	2
Co-Training (SMO)	[-0.1086 , -0.0549]	2
Democratic-Co	[-0.1204 , -0.0616]	2
SETRED	[-0.11255 , -0.03655]	2
TriTraining (NN)	[-0.10635 , -0.0266]	2
TriTraining (C45)	[-0.1322 , -0.0648]	2
TriTraining (NB)	[-0.0988 , -0.03635]	2
TriTraining (SMO)	[-0.0975 , -0.0524]	2
DE-TriTraining (NN)	[-0.0988 , -0.03815]	2
DE-TriTraining (C45)	[-0.10295 , -0.04815]	2
DE-TriTraining (NB)	[-0.08865 , -0.03]	2
DE-TriTraining (SMO)	[-0.1087 , -0.05545]	2
CoForest	[-0.1187 , -0.04705]	2
Rasco (NN)	[0.01485 , 0.0428]	2
Rasco (C45)	[-0.01665 , 0.01465]	2
Rasco (NB)	[-0.04225 , 0.00455]	2
Co-Bagging (NN)	[-0.11215 , -0.04465]	2
Co-Bagging (C45)	[-0.1289 , -0.0642]	2
Co-Bagging (NB)	[-0.09945 , -0.041]	2
Co-Bagging (SMO)	[-0.101 , -0.04385]	2
Rel-Rasco (NN)	[0.01495 , 0.04825]	2
Rel-Rasco (C45)	[-0.0156 , 0.0189]	2
Rel-Rasco (NB)	[-0.04495 , 0.0081]	2
Rel-Rasco (SMO)	[-0.00355 , 0.0061]	2
CLCC	[-0.04555 , 0.022]	2
APSSC	[-0.07765 , -0.0101]	2
SNNRCE	[-0.10675 , -0.0346]	2
ADE-CoForest	[-0.09415 , -0.0318]	2

Table 68: Confidence intervals for algorithm Rasco (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.11945 , -0.02695]	2
Self-Training (C45)	[-0.12715 , -0.05355]	2
Self-Training (NB)	[-0.07975 , -0.00795]	2
Self-Training (SMO)	[-0.104 , -0.03315]	2
Co-Training (NN)	[-0.1145 , -0.0235]	2
Co-Training (C45)	[-0.12935 , -0.05515]	2
Co-Training (NB)	[-0.1026 , -0.02595]	2
Co-Training (SMO)	[-0.11515 , -0.04905]	2
Democratic-Co	[-0.12695 , -0.05435]	2
SETRED	[-0.1207 , -0.0308]	2
TriTraining (NN)	[-0.11415 , -0.0219]	2
TriTraining (C45)	[-0.13885 , -0.0595]	2
TriTraining (NB)	[-0.10625 , -0.03085]	2
TriTraining (SMO)	[-0.10535 , -0.0464]	2
DE-TriTraining (NN)	[-0.10625 , -0.0321]	2
DE-TriTraining (C45)	[-0.10875 , -0.04365]	2
DE-TriTraining (NB)	[-0.09605 , -0.0252]	2
DE-TriTraining (SMO)	[-0.1129 , -0.0455]	2
CoForest	[-0.1287 , -0.0408]	2
Rasco (NN)	[0.0109 , 0.04575]	2
Rasco (C45)	[-0.01925 , 0.01935]	2
Rasco (NB)	[-0.04725 , 0.0103]	2
Co-Bagging (NN)	[-0.11815 , -0.03895]	2
Co-Bagging (C45)	[-0.13595 , -0.0598]	2
Co-Bagging (NB)	[-0.1047 , -0.0366]	2
Co-Bagging (SMO)	[-0.10765 , -0.0394]	2
Rel-Rasco (NN)	[0.0122 , 0.05215]	2
Rel-Rasco (C45)	[-0.0187 , 0.0236]	2
Rel-Rasco (NB)	[-0.05005 , 0.0132]	2
Rel-Rasco (SMO)	[-0.00485 , 0.00705]	2
CLCC	[-0.05285 , 0.0293]	2
APSSC	[-0.0859 , -0.00385]	2
SNNRCE	[-0.1163 , -0.03005]	2
ADE-CoForest	[-0.1019 , -0.0255]	2

Table 69: Confidence intervals for algorithm Rasco (SMO) (α=0.95)

24 Detailed results for Co-Bagging (NN)

24.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1020.0	520.0	-	0.035639
Self-Training (C45)	665.0	875.0	-	1
Self-Training (NB)	1132.5	407.5	-	0.00233
Self-Training (SMO)	837.0	648.0	-	0.412871
Co-Training (NN)	1051.5	488.5	-	0.018019
Co-Training (C45)	610.5	929.5	-	1
Co-Training (NB)	1005.0	535.0	-	0.048479
Co-Training (SMO)	699.5	840.5	-	1
Democratic-Co	537.5	947.5	-	1
SETRED	905.0	635.0	-	0.255754
TriTraining (NN)	1099.5	385.5	-	0.00206
TriTraining (C45)	518.0	1022.0	-	1
TriTraining (NB)	950.0	590.0	-	0.13045
TriTraining (SMO)	746.5	738.5	-	0.96906
DE-TriTraining (NN)	1069.0	471.0	-	0.012005
DE-TriTraining (C45)	761.0	779.0	-	1
DE-TriTraining (NB)	1004.0	536.0	-	0.049441
DE-TriTraining (SMO)	666.5	873.5	-	1
CoForest	673.5	866.5	-	1
Rasco (NN)	1535.0	5.0	-	0
Rasco (C45)	1253.0	287.0	-	0.000051
Rasco (NB)	1239.0	301.0	-	0.000082
Rasco (SMO)	1302.0	238.0	-	0.000008
Co-Bagging (C45)	517.0	1023.0	-	1
Co-Bagging (NB)	949.0	591.0	-	0.132189
Co-Bagging (SMO)	620.5	919.5	-	1
Rel-Rasco (NN)	1536.0	4.0	-	0
Rel-Rasco (C45)	1265.0	275.0	-	0.000033
Rel-Rasco (NB)	1220.0	320.0	-	0.00016
Rel-Rasco (SMO)	1288.5	251.5	-	0.000013
CLCC	1320.0	220.0	-	0.000004
APSSC	1145.0	395.0	-	0.001654
SNNRCE	1127.5	412.5	-	0.002649
ADE-CoForest	905.5	634.5	-	0.253506

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

24.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0021 , 0.01435]	2
Self-Training (C45)	[-0.02025 , 0.0058]	2
Self-Training (NB)	[0.01545 , 0.056]	2
Self-Training (SMO)	[-0.0069 , 0.02645]	2
Co-Training (NN)	[0.00425 , 0.01895]	2
Co-Training (C45)	[-0.0216 , 0.0032]	2
Co-Training (NB)	[0.0033 , 0.03655]	2
Co-Training (SMO)	[-0.0149 , 0.00965]	2
Democratic-Co	[-0.0211 , -0.00125]	2
SETRED	[-0.0018 , 0.0103]	2
TriTraining (NN)	[0.00565 , 0.0179]	2
TriTraining (C45)	[-0.0266 , -0.00445]	2
TriTraining (NB)	[-0.00105 , 0.03465]	2
TriTraining (SMO)	[-0.01125 , 0.01135]	2
DE-TriTraining (NN)	[0.0031 , 0.017]	2
DE-TriTraining (C45)	[-0.0108 , 0.0113]	2
DE-TriTraining (NB)	[0.00225 , 0.03545]	2
DE-TriTraining (SMO)	[-0.01085 , 0.0037]	2
CoForest	[-0.0198 , 0.0069]	2
Rasco (NN)	[0.07395 , 0.1195]	2
Rasco (C45)	[0.04355 , 0.10205]	2
Rasco (NB)	[0.03665 , 0.0998]	2
Rasco (SMO)	[0.04465 , 0.11215]	2
Co-Bagging (C45)	[-0.0257 , -0.00435]	2
Co-Bagging (NB)	[-0.00125 , 0.0307]	2
Co-Bagging (SMO)	[-0.01515 , 0.0032]	2
Rel-Rasco (NN)	[0.07765 , 0.12915]	2
Rel-Rasco (C45)	[0.04655 , 0.1045]	2
Rel-Rasco (NB)	[0.0366 , 0.0946]	2
Rel-Rasco (SMO)	[0.0498 , 0.11895]	2
CLCC	[0.0306 , 0.08805]	2
APSSC	[0.014 , 0.045]	2
SNNRCE	[0.00425 , 0.014]	2
ADE-CoForest	[-0.0027 , 0.02035]	2

Table 71: Confidence intervals for algorithm Co-Bagging (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.0006 , 0.0156]	2
Self-Training (C45)	[-0.0231 , 0.0088]	2
Self-Training (NB)	[0.012 , 0.0607]	2
Self-Training (SMO)	[-0.00885 , 0.0297]	2
Co-Training (NN)	[0.0024 , 0.02095]	2
Co-Training (C45)	[-0.0246 , 0.0057]	2
Co-Training (NB)	[0.00005 , 0.03975]	2
Co-Training (SMO)	[-0.01715 , 0.01265]	2
Democratic-Co	[-0.0231 , 0.00135]	2
SETRED	[-0.0032 , 0.01125]	2
TriTraining (NN)	[0.00445 , 0.01935]	2
TriTraining (C45)	[-0.0292 , -0.0013]	2
TriTraining (NB)	[-0.0039 , 0.0376]	2
TriTraining (SMO)	[-0.0132 , 0.0137]	2
DE-TriTraining (NN)	[0.0017 , 0.01855]	2
DE-TriTraining (C45)	[-0.0128 , 0.0138]	2
DE-TriTraining (NB)	[0.0003 , 0.03925]	2
DE-TriTraining (SMO)	[-0.01225 , 0.00535]	2
CoForest	[-0.02215 , 0.0095]	2
Rasco (NN)	[0.0688 , 0.1264]	2
Rasco (C45)	[0.03885 , 0.10975]	2
Rasco (NB)	[0.0311 , 0.1063]	2
Rasco (SMO)	[0.03895 , 0.11815]	2
Co-Bagging (C45)	[-0.0279 , -0.00155]	2
Co-Bagging (NB)	[-0.00375 , 0.03335]	2
Co-Bagging (SMO)	[-0.01675 , 0.0058]	2
Rel-Rasco (NN)	[0.07365 , 0.13465]	2
Rel-Rasco (C45)	[0.0414 , 0.11235]	2
Rel-Rasco (NB)	[0.03015 , 0.10135]	2
Rel-Rasco (SMO)	[0.0439 , 0.1255]	2
CLCC	[0.0274 , 0.0967]	2
APSSC	[0.01115 , 0.04795]	2
SNNRCE	[0.0034 , 0.0148]	2
ADE-CoForest	[-0.0044 , 0.02295]	2

Table 72: Confidence intervals for algorithm Co-Bagging (NN) (α=0.95)

25 Detailed results for Co-Bagging (C45)

25.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1043.0	497.0	-	0.021933
Self-Training (C45)	964.0	521.0	-	0.055417
Self-Training (NB)	1243.0	297.0	-	0.000073
Self-Training (SMO)	1008.0	532.0	-	0.045686
Co-Training (NN)	1036.0	449.0	-	0.011361
Co-Training (C45)	1036.5	503.5	-	0.024824
Co-Training (NB)	1131.0	409.0	-	0.002455
Co-Training (SMO)	949.0	591.0	-	0.132594
Democratic-Co	759.0	781.0	-	1
SETRED	1028.0	512.0	-	0.030149
TriTraining (NN)	1047.0	438.0	-	0.008637
TriTraining (C45)	691.5	793.5	-	1
TriTraining (NB)	1094.0	446.0	-	0.006551
TriTraining (SMO)	931.0	609.0	-	0.176012
DE-TriTraining (NN)	1068.0	472.0	-	0.012384
DE-TriTraining (C45)	1153.0	387.0	-	0.001282
DE-TriTraining (NB)	1227.5	312.5	-	0.00012
DE-TriTraining (SMO)	985.0	555.0	-	0.070984
CoForest	701.0	784.0	-	1
Rasco (NN)	1530.0	10.0	-	0
Rasco (C45)	1538.0	2.0	-	0
Rasco (NB)	1336.0	149.0	-	0
Rasco (SMO)	1440.0	100.0	-	0
Co-Bagging (NN)	1023.0	517.0	-	0.033673
Co-Bagging (NB)	1078.0	407.0	-	0.00374
Co-Bagging (SMO)	939.0	601.0	-	0.15556
Rel-Rasco (NN)	1530.0	10.0	-	0
Rel-Rasco (C45)	1532.0	8.0	-	0
Rel-Rasco (NB)	1390.0	150.0	-	0
Rel-Rasco (SMO)	1446.0	94.0	-	0
CLCC	1329.0	211.0	-	0.000003
APSSC	1173.0	367.0	-	0.000714
SNNRCE	1042.0	498.0	-	0.022421
ADE-CoForest	1119.0	421.0	-	0.003408

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

25.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0067 , 0.0372]	2
Self-Training (C45)	[0.00055 , 0.00955]	2
Self-Training (NB)	[0.0303 , 0.06915]	2
Self-Training (SMO)	[0.004 , 0.04035]	2
Co-Training (NN)	[0.0104 , 0.04015]	2
Co-Training (C45)	[0.00135 , 0.01085]	2
Co-Training (NB)	[0.0166 , 0.05085]	2
Co-Training (SMO)	[-0.00105 , 0.029]	2
Democratic-Co	[-0.0082 , 0.00915]	2
SETRED	[0.0052 , 0.03265]	2
TriTraining (NN)	[0.01145 , 0.03955]	2
TriTraining (C45)	[-0.00375 , 0.00225]	2
TriTraining (NB)	[0.01355 , 0.04815]	2
TriTraining (SMO)	[-0.0025 , 0.02645]	2
DE-TriTraining (NN)	[0.00745 , 0.0332]	2
DE-TriTraining (C45)	[0.00925 , 0.02695]	2
DE-TriTraining (NB)	[0.02165 , 0.0522]	2
DE-TriTraining (SMO)	[0.0016 , 0.02755]	2
CoForest	[-0.0097 , 0.0083]	2
Rasco (NN)	[0.09845 , 0.142]	2
Rasco (C45)	[0.06035 , 0.11225]	2
Rasco (NB)	[0.05745 , 0.1065]	2
Rasco (SMO)	[0.0642 , 0.1289]	2
Co-Bagging (NN)	[0.00435 , 0.0257]	2
Co-Bagging (NB)	[0.01505 , 0.04675]	2
Co-Bagging (SMO)	[-0.0015 , 0.0279]	2
Rel-Rasco (NN)	[0.102 , 0.14845]	2
Rel-Rasco (C45)	[0.0631 , 0.1167]	2
Rel-Rasco (NB)	[0.05695 , 0.1025]	2
Rel-Rasco (SMO)	[0.07125 , 0.1338]	2
CLCC	[0.0444 , 0.1029]	2
APSSC	[0.0254 , 0.0699]	2
SNNRCE	[0.00645 , 0.03275]	2
ADE-CoForest	[0.00955 , 0.0367]	2

Table 74: Confidence intervals for algorithm Co-Bagging (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.00325 , 0.0402]	2
Self-Training (C45)	[-0.00005 , 0.0104]	2
Self-Training (NB)	[0.028 , 0.0727]	2
Self-Training (SMO)	[0.0005 , 0.0439]	2
Co-Training (NN)	[0.0068 , 0.0442]	2
Co-Training (C45)	[0.0007 , 0.01155]	2
Co-Training (NB)	[0.01235 , 0.05485]	2
Co-Training (SMO)	[-0.0044 , 0.0329]	2
Democratic-Co	[-0.01 , 0.012]	2
SETRED	[0.0019 , 0.0354]	2
TriTraining (NN)	[0.0081 , 0.04265]	2
TriTraining (C45)	[-0.0047 , 0.00285]	2
TriTraining (NB)	[0.0092 , 0.051]	2
TriTraining (SMO)	[-0.00525 , 0.02915]	2
DE-TriTraining (NN)	[0.0052 , 0.03515]	2
DE-TriTraining (C45)	[0.00785 , 0.02915]	2
DE-TriTraining (NB)	[0.01905 , 0.0551]	2
DE-TriTraining (SMO)	[-0.00095 , 0.0305]	2
CoForest	[-0.0114 , 0.0107]	2
Rasco (NN)	[0.0937 , 0.14675]	2
Rasco (C45)	[0.05565 , 0.1194]	2
Rasco (NB)	[0.05265 , 0.1126]	2
Rasco (SMO)	[0.0598 , 0.13595]	2
Co-Bagging (NN)	[0.00155 , 0.0279]	2
Co-Bagging (NB)	[0.01215 , 0.0494]	2
Co-Bagging (SMO)	[-0.0044 , 0.0318]	2
Rel-Rasco (NN)	[0.09625 , 0.1524]	2
Rel-Rasco (C45)	[0.06025 , 0.1218]	2
Rel-Rasco (NB)	[0.05115 , 0.10895]	2
Rel-Rasco (SMO)	[0.0653 , 0.138]	2
CLCC	[0.04085 , 0.11505]	2
APSSC	[0.0206 , 0.0743]	2
SNNRCE	[0.00405 , 0.03545]	2
ADE-CoForest	[0.0073 , 0.04005]	2

Table 75: Confidence intervals for algorithm Co-Bagging (C45) (α=0.95)

26 Detailed results for Co-Bagging (NB)

26.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	729.5	810.5	-	1
Self-Training (C45)	502.5	1037.5	-	1
Self-Training (NB)	1330.0	210.0	-	0.000002
Self-Training (SMO)	707.0	833.0	-	1
Co-Training (NN)	757.0	783.0	-	1
Co-Training (C45)	463.5	1076.5	-	1
Co-Training (NB)	864.5	675.5	-	0.423623
Co-Training (SMO)	636.5	903.5	-	1
Democratic-Co	348.5	1191.5	-	1
SETRED	691.5	848.5	-	1
TriTraining (NN)	757.0	783.0	-	1
TriTraining (C45)	387.0	1098.0	-	1
TriTraining (NB)	605.5	934.5	-	1
TriTraining (SMO)	620.0	865.0	-	1
DE-TriTraining (NN)	689.0	796.0	-	1
DE-TriTraining (C45)	613.5	926.5	-	1
DE-TriTraining (NB)	887.0	653.0	-	0.321319
DE-TriTraining (SMO)	618.0	867.0	-	1
CoForest	532.0	953.0	-	1
Rasco (NN)	1404.5	135.5	-	0
Rasco (C45)	1203.0	337.0	-	0.000281
Rasco (NB)	1425.0	115.0	-	0
Rasco (SMO)	1214.0	326.0	-	0.000196
Co-Bagging (NN)	591.0	949.0	-	1
Co-Bagging (C45)	407.0	1078.0	-	1
Co-Bagging (SMO)	618.0	867.0	-	1
Rel-Rasco (NN)	1414.0	126.0	-	0
Rel-Rasco (C45)	1207.0	333.0	-	0.000247
Rel-Rasco (NB)	1368.0	117.0	-	0
Rel-Rasco (SMO)	1238.5	301.5	-	0.000082
CLCC	1224.0	316.0	-	0.00014
APSSC	878.0	662.0	-	0.363312
SNNRCE	707.0	833.0	-	1
ADE-CoForest	753.0	787.0	-	1

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

26.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02735 , 0.0149]	2
Self-Training (C45)	[-0.03955 , -0.00625]	2
Self-Training (NB)	[0.0104 , 0.0218]	2
Self-Training (SMO)	[-0.0301 , 0.0161]	2
Co-Training (NN)	[-0.0222 , 0.0179]	2
Co-Training (C45)	[-0.04205 , -0.01035]	2
Co-Training (NB)	[-0.0016 , 0.00465]	2
Co-Training (SMO)	[-0.0348 , 0.0066]	2
Democratic-Co	[-0.0353 , -0.01145]	2
SETRED	[-0.0296 , 0.0111]	2
TriTraining (NN)	[-0.0214 , 0.0178]	2
TriTraining (C45)	[-0.0479 , -0.01405]	2
TriTraining (NB)	[-0.00495 , 0.0005]	2
TriTraining (SMO)	[-0.03495 , 0.0065]	2
DE-TriTraining (NN)	[-0.02325 , 0.0127]	2
DE-TriTraining (C45)	[-0.02615 , 0.0031]	2
DE-TriTraining (NB)	[-0.00205 , 0.00855]	2
DE-TriTraining (SMO)	[-0.0297 , 0.0051]	2
CoForest	[-0.04495 , -0.00355]	2
Rasco (NN)	[0.06505 , 0.1196]	2
Rasco (C45)	[0.03245 , 0.0883]	2
Rasco (NB)	[0.0253 , 0.0713]	2
Rasco (SMO)	[0.041 , 0.09945]	2
Co-Bagging (NN)	[-0.0307 , 0.00125]	2
Co-Bagging (C45)	[-0.04675 , -0.01505]	2
Co-Bagging (SMO)	[-0.033 , 0.00755]	2
Rel-Rasco (NN)	[0.06805 , 0.1253]	2
Rel-Rasco (C45)	[0.0365 , 0.09165]	2
Rel-Rasco (NB)	[0.02065 , 0.0653]	2
Rel-Rasco (SMO)	[0.04245 , 0.10365]	2
CLCC	[0.0209 , 0.05495]	2
APSSC	[-0.00925 , 0.03755]	2
SNNRCE	[-0.02635 , 0.01285]	2
ADE-CoForest	[-0.01915 , 0.0156]	2

Table 77: Confidence intervals for algorithm Co-Bagging (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.03225 , 0.01915]	2
Self-Training (C45)	[-0.04255 , -0.00365]	2
Self-Training (NB)	[0.0092 , 0.02315]	2
Self-Training (SMO)	[-0.034 , 0.0212]	2
Co-Training (NN)	[-0.02695 , 0.022]	2
Co-Training (C45)	[-0.04465 , -0.0065]	2
Co-Training (NB)	[-0.0021 , 0.0055]	2
Co-Training (SMO)	[-0.03755 , 0.011]	2
Democratic-Co	[-0.03745 , -0.0096]	2
SETRED	[-0.0347 , 0.01515]	2
TriTraining (NN)	[-0.027 , 0.02075]	2
TriTraining (C45)	[-0.05065 , -0.01145]	2
TriTraining (NB)	[-0.00545 , 0.00105]	2
TriTraining (SMO)	[-0.0393 , 0.01015]	2
DE-TriTraining (NN)	[-0.02765 , 0.01585]	2
DE-TriTraining (C45)	[-0.02935 , 0.0073]	2
DE-TriTraining (NB)	[-0.0029 , 0.0098]	2
DE-TriTraining (SMO)	[-0.0342 , 0.0086]	2
CoForest	[-0.04865 , 0.0022]	2
Rasco (NN)	[0.0601 , 0.1267]	2
Rasco (C45)	[0.02795 , 0.0948]	2
Rasco (NB)	[0.022 , 0.0745]	2
Rasco (SMO)	[0.0366 , 0.1047]	2
Co-Bagging (NN)	[-0.03335 , 0.00375]	2
Co-Bagging (C45)	[-0.0494 , -0.01215]	2
Co-Bagging (SMO)	[-0.0366 , 0.0112]	2
Rel-Rasco (NN)	[0.0632 , 0.13195]	2
Rel-Rasco (C45)	[0.03135 , 0.09875]	2
Rel-Rasco (NB)	[0.01875 , 0.0688]	2
Rel-Rasco (SMO)	[0.0387 , 0.10875]	2
CLCC	[0.0178 , 0.05965]	2
APSSC	[-0.0122 , 0.0428]	2
SNNRCE	[-0.0329 , 0.01645]	2
ADE-CoForest	[-0.023 , 0.0194]	2

Table 78: Confidence intervals for algorithm Co-Bagging (NB) (α=0.95)

27 Detailed results for Co-Bagging (SMO)

27.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	1041.0	499.0	-	0.022919
Self-Training (C45)	658.0	882.0	-	1
Self-Training (NB)	1060.0	425.0	-	0.00618
Self-Training (SMO)	887.0	598.0	-	0.211855
Co-Training (NN)	999.5	485.5	-	0.026289
Co-Training (C45)	642.5	897.5	-	1
Co-Training (NB)	959.5	580.5	-	0.110653
Co-Training (SMO)	679.0	806.0	-	1
Democratic-Co	601.0	884.0	-	1
SETRED	1037.5	502.5	-	0.024589
TriTraining (NN)	1037.0	448.0	-	0.010912
TriTraining (C45)	537.0	948.0	-	1
TriTraining (NB)	881.5	603.5	-	0.229201
TriTraining (SMO)	841.5	643.5	-	0.390581
DE-TriTraining (NN)	919.0	621.0	-	0.209398
DE-TriTraining (C45)	745.0	740.0	-	0.979392
DE-TriTraining (NB)	929.5	610.5	-	0.180061
DE-TriTraining (SMO)	762.0	723.0	-	0.862985
CoForest	727.0	813.0	-	1
Rasco (NN)	1495.0	45.0	-	0
Rasco (C45)	1317.0	223.0	-	0.000004
Rasco (NB)	1206.5	333.5	-	0.000247
Rasco (SMO)	1369.5	115.5	-	0
Co-Bagging (NN)	919.5	620.5	-	0.208356
Co-Bagging (C45)	601.0	939.0	-	1
Co-Bagging (NB)	867.0	618.0	-	0.281803
Rel-Rasco (NN)	1484.0	56.0	-	0
Rel-Rasco (C45)	1340.0	200.0	-	0.000002
Rel-Rasco (NB)	1172.0	313.0	-	0.000214
Rel-Rasco (SMO)	1388.0	97.0	-	0
CLCC	1129.0	356.0	-	0.000862
APSSC	1092.0	448.0	-	0.006891
SNNRCE	994.5	545.5	-	0.05914
ADE-CoForest	921.5	563.5	-	0.121413

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

27.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[0.0046 , 0.02535]	2
Self-Training (C45)	[-0.0256 , 0.00705]	2
Self-Training (NB)	[0.01395 , 0.05675]	2
Self-Training (SMO)	[-0.00135 , 0.01715]	2
Co-Training (NN)	[0.00475 , 0.03055]	2
Co-Training (C45)	[-0.02665 , 0.0053]	2
Co-Training (NB)	[-0.00105 , 0.0389]	2
Co-Training (SMO)	[-0.0077 , 0.0035]	2
Democratic-Co	[-0.02545 , 0.00295]	2
SETRED	[0.00325 , 0.0198]	2
TriTraining (NN)	[0.0058 , 0.025]	2
TriTraining (C45)	[-0.03 , -0.0014]	2
TriTraining (NB)	[-0.00545 , 0.03475]	2
TriTraining (SMO)	[-0.00225 , 0.006]	2
DE-TriTraining (NN)	[-0.00285 , 0.02015]	2
DE-TriTraining (C45)	[-0.0149 , 0.01305]	2
DE-TriTraining (NB)	[-0.00295 , 0.03505]	2
DE-TriTraining (SMO)	[-0.0084 , 0.00845]	2
CoForest	[-0.0197 , 0.01205]	2
Rasco (NN)	[0.07395 , 0.1225]	2
Rasco (C45)	[0.0423 , 0.09515]	2
Rasco (NB)	[0.0348 , 0.08755]	2
Rasco (SMO)	[0.04385 , 0.101]	2
Co-Bagging (NN)	[-0.0032 , 0.01515]	2
Co-Bagging (C45)	[-0.0279 , 0.0015]	2
Co-Bagging (NB)	[-0.00755 , 0.033]	2
Rel-Rasco (NN)	[0.07875 , 0.1275]	2
Rel-Rasco (C45)	[0.04525 , 0.09725]	2
Rel-Rasco (NB)	[0.0366 , 0.0891]	2
Rel-Rasco (SMO)	[0.04865 , 0.1069]	2
CLCC	[0.02425 , 0.0919]	2
APSSC	[0.0154 , 0.0589]	2
SNNRCE	[0.00225 , 0.02195]	2
ADE-CoForest	[-0.00045 , 0.02935]	2

Table 80: Confidence intervals for algorithm Co-Bagging (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[0.0028 , 0.02715]	2
Self-Training (C45)	[-0.02905 , 0.0106]	2
Self-Training (NB)	[0.01015 , 0.0604]	2
Self-Training (SMO)	[-0.00265 , 0.0198]	2
Co-Training (NN)	[0.00275 , 0.0333]	2
Co-Training (C45)	[-0.0294 , 0.0076]	2
Co-Training (NB)	[-0.00465 , 0.0452]	2
Co-Training (SMO)	[-0.00955 , 0.00495]	2
Democratic-Co	[-0.02975 , 0.00515]	2
SETRED	[0.00175 , 0.0214]	2
TriTraining (NN)	[0.0041 , 0.0283]	2
TriTraining (C45)	[-0.03305 , 0.00215]	2
TriTraining (NB)	[-0.00975 , 0.0381]	2
TriTraining (SMO)	[-0.0035 , 0.0068]	2
DE-TriTraining (NN)	[-0.00595 , 0.02295]	2
DE-TriTraining (C45)	[-0.01865 , 0.01685]	2
DE-TriTraining (NB)	[-0.00685 , 0.0401]	2
DE-TriTraining (SMO)	[-0.01105 , 0.01015]	2
CoForest	[-0.02295 , 0.0154]	2
Rasco (NN)	[0.06965 , 0.1291]	2
Rasco (C45)	[0.03855 , 0.10105]	2
Rasco (NB)	[0.03015 , 0.09445]	2
Rasco (SMO)	[0.0394 , 0.10765]	2
Co-Bagging (NN)	[-0.0058 , 0.01675]	2
Co-Bagging (C45)	[-0.0318 , 0.0044]	2
Co-Bagging (NB)	[-0.0112 , 0.0366]	2
Rel-Rasco (NN)	[0.0745 , 0.1353]	2
Rel-Rasco (C45)	[0.04195 , 0.1037]	2
Rel-Rasco (NB)	[0.03285 , 0.09495]	2
Rel-Rasco (SMO)	[0.04465 , 0.11195]	2
CLCC	[0.01835 , 0.10065]	2
APSSC	[0.01 , 0.0625]	2
SNNRCE	[-0.00035 , 0.0234]	2
ADE-CoForest	[-0.0043 , 0.0334]	2

Table 81: Confidence intervals for algorithm Co-Bagging (SMO) (α=0.95)

28 Detailed results for Rel-Rasco (NN)

28.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	19.0	1521.0	-	1
Self-Training (C45)	29.0	1511.0	-	1
Self-Training (NB)	288.0	1252.0	-	1
Self-Training (SMO)	104.0	1436.0	-	1
Co-Training (NN)	67.0	1418.0	-	1
Co-Training (C45)	28.0	1512.0	-	1
Co-Training (NB)	182.5	1357.5	-	1
Co-Training (SMO)	65.5	1474.5	-	1
Democratic-Co	7.0	1533.0	-	1
SETRED	5.0	1535.0	-	1
TriTraining (NN)	79.0	1461.0	-	1
TriTraining (C45)	14.0	1526.0	-	1
TriTraining (NB)	134.0	1406.0	-	1
TriTraining (SMO)	82.0	1403.0	-	1
DE-TriTraining (NN)	26.0	1514.0	-	1
DE-TriTraining (C45)	30.0	1510.0	-	1
DE-TriTraining (NB)	116.0	1424.0	-	1
DE-TriTraining (SMO)	22.0	1518.0	-	1
CoForest	163.0	1377.0	-	1
Rasco (NN)	653.0	832.0	-	1
Rasco (C45)	386.0	1154.0	-	1
Rasco (NB)	371.0	1169.0	-	1
Rasco (SMO)	405.0	1135.0	-	1
Co-Bagging (NN)	4.0	1536.0	-	1
Co-Bagging (C45)	10.0	1530.0	-	1
Co-Bagging (NB)	126.0	1414.0	-	1
Co-Bagging (SMO)	56.0	1484.0	-	1
Rel-Rasco (C45)	394.0	1091.0	-	1
Rel-Rasco (NB)	390.0	1095.0	-	1
Rel-Rasco (SMO)	400.0	1140.0	-	1
CLCC	471.0	1069.0	-	1
APSSC	312.0	1228.0	-	1
SNNRCE	29.0	1511.0	-	1
ADE-CoForest	191.0	1349.0	-	1

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

28.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.1279 , -0.06245]	2
Self-Training (C45)	[-0.14045 , -0.09635]	2
Self-Training (NB)	[-0.09875 , -0.03785]	2
Self-Training (SMO)	[-0.1197 , -0.07105]	2
Co-Training (NN)	[-0.12 , -0.062]	2
Co-Training (C45)	[-0.14065 , -0.09455]	2
Co-Training (NB)	[-0.12035 , -0.05835]	2
Co-Training (SMO)	[-0.13875 , -0.0805]	2
Democratic-Co	[-0.13975 , -0.09125]	2
SETRED	[-0.1273 , -0.0655]	2
TriTraining (NN)	[-0.1196 , -0.0567]	2
TriTraining (C45)	[-0.15245 , -0.1029]	2
TriTraining (NB)	[-0.1212 , -0.0648]	2
TriTraining (SMO)	[-0.13655 , -0.0829]	2
DE-TriTraining (NN)	[-0.11555 , -0.07075]	2
DE-TriTraining (C45)	[-0.11885 , -0.08165]	2
DE-TriTraining (NB)	[-0.1014 , -0.06545]	2
DE-TriTraining (SMO)	[-0.1243 , -0.0754]	2
CoForest	[-0.1389 , -0.08595]	2
Rasco (NN)	[-0.0076 , 0.00175]	2
Rasco (C45)	[-0.047 , -0.0164]	2
Rasco (NB)	[-0.0654 , -0.02615]	2
Rasco (SMO)	[-0.04825 , -0.01495]	2
Co-Bagging (NN)	[-0.12915 , -0.07765]	2
Co-Bagging (C45)	[-0.14845 , -0.102]	2
Co-Bagging (NB)	[-0.1253 , -0.06805]	2
Co-Bagging (SMO)	[-0.1275 , -0.07875]	2
Rel-Rasco (C45)	[-0.0478 , -0.01355]	2
Rel-Rasco (NB)	[-0.06865 , -0.02115]	2
Rel-Rasco (SMO)	[-0.04415 , -0.0161]	2
CLCC	[-0.06675 , -0.01515]	2
APSSC	[-0.1045 , -0.04675]	2
SNNRCE	[-0.1214 , -0.06405]	2
ADE-CoForest	[-0.1069 , -0.0653]	2

Table 83: Confidence intervals for algorithm Rel-Rasco (NN) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.13745 , -0.058]	2
Self-Training (C45)	[-0.14525 , -0.0926]	2
Self-Training (NB)	[-0.1062 , -0.0329]	2
Self-Training (SMO)	[-0.12555 , -0.06675]	2
Co-Training (NN)	[-0.1255 , -0.0575]	2
Co-Training (C45)	[-0.14525 , -0.0905]	2
Co-Training (NB)	[-0.1272 , -0.0539]	2
Co-Training (SMO)	[-0.14705 , -0.0763]	2
Democratic-Co	[-0.1457 , -0.0877]	2
SETRED	[-0.13905 , -0.0616]	2
TriTraining (NN)	[-0.12505 , -0.05315]	2
TriTraining (C45)	[-0.15735 , -0.0983]	2
TriTraining (NB)	[-0.1293 , -0.06095]	2
TriTraining (SMO)	[-0.143 , -0.07865]	2
DE-TriTraining (NN)	[-0.1198 , -0.0664]	2
DE-TriTraining (C45)	[-0.1241 , -0.07845]	2
DE-TriTraining (NB)	[-0.1064 , -0.062]	2
DE-TriTraining (SMO)	[-0.1297 , -0.0719]	2
CoForest	[-0.14525 , -0.0816]	2
Rasco (NN)	[-0.00885 , 0.0023]	2
Rasco (C45)	[-0.0506 , -0.0127]	2
Rasco (NB)	[-0.0703 , -0.0222]	2
Rasco (SMO)	[-0.05215 , -0.0122]	2
Co-Bagging (NN)	[-0.13465 , -0.07365]	2
Co-Bagging (C45)	[-0.1524 , -0.09625]	2
Co-Bagging (NB)	[-0.13195 , -0.0632]	2
Co-Bagging (SMO)	[-0.1353 , -0.0745]	2
Rel-Rasco (C45)	[-0.0507 , -0.0103]	2
Rel-Rasco (NB)	[-0.0734 , -0.0164]	2
Rel-Rasco (SMO)	[-0.0479 , -0.0132]	2
CLCC	[-0.07085 , -0.0101]	2
APSSC	[-0.11325 , -0.04215]	2
SNNRCE	[-0.1295 , -0.0613]	2
ADE-CoForest	[-0.111 , -0.0617]	2

Table 84: Confidence intervals for algorithm Rel-Rasco (NN) (α=0.95)

29 Detailed results for Rel-Rasco (C45)

29.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	363.0	1177.0	-	1
Self-Training (C45)	9.5	1530.5	-	1
Self-Training (NB)	479.0	1006.0	-	1
Self-Training (SMO)	313.0	1227.0	-	1
Co-Training (NN)	385.0	1155.0	-	1
Co-Training (C45)	2.0	1538.0	-	1
Co-Training (NB)	401.5	1138.5	-	1
Co-Training (SMO)	179.0	1361.0	-	1
Democratic-Co	92.0	1448.0	-	1
SETRED	325.0	1215.0	-	1
TriTraining (NN)	373.0	1167.0	-	1
TriTraining (C45)	12.0	1528.0	-	1
TriTraining (NB)	357.5	1182.5	-	1
TriTraining (SMO)	176.0	1364.0	-	1
DE-TriTraining (NN)	301.0	1239.0	-	1
DE-TriTraining (C45)	142.0	1398.0	-	1
DE-TriTraining (NB)	335.0	1205.0	-	1
DE-TriTraining (SMO)	203.0	1337.0	-	1
CoForest	287.0	1253.0	-	1
Rasco (NN)	1030.0	455.0	-	0.013148
Rasco (C45)	734.5	805.5	-	1
Rasco (NB)	615.0	925.0	-	1
Rasco (SMO)	731.0	809.0	-	1
Co-Bagging (NN)	275.0	1265.0	-	1
Co-Bagging (C45)	8.0	1532.0	-	1
Co-Bagging (NB)	333.0	1207.0	-	1
Co-Bagging (SMO)	200.0	1340.0	-	1
Rel-Rasco (NN)	1091.0	394.0	-	0.002656
Rel-Rasco (NB)	635.0	905.0	-	1
Rel-Rasco (SMO)	763.5	776.5	-	1
CLCC	688.0	852.0	-	1
APSSC	536.0	1004.0	-	1
SNNRCE	342.0	1198.0	-	1
ADE-CoForest	405.0	1135.0	-	1

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

29.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.101 , -0.03485]	2
Self-Training (C45)	[-0.10575 , -0.05585]	2
Self-Training (NB)	[-0.06685 , -0.0114]	2
Self-Training (SMO)	[-0.0895 , -0.03805]	2
Co-Training (NN)	[-0.0961 , -0.03475]	2
Co-Training (C45)	[-0.11225 , -0.05705]	2
Co-Training (NB)	[-0.0868 , -0.028]	2
Co-Training (SMO)	[-0.1018 , -0.0515]	2
Democratic-Co	[-0.1077 , -0.0592]	2
SETRED	[-0.10365 , -0.03835]	2
TriTraining (NN)	[-0.0923 , -0.03165]	2
TriTraining (C45)	[-0.12 , -0.0614]	2
TriTraining (NB)	[-0.09125 , -0.03215]	2
TriTraining (SMO)	[-0.10115 , -0.05295]	2
DE-TriTraining (NN)	[-0.0969 , -0.0421]	2
DE-TriTraining (C45)	[-0.0951 , -0.049]	2
DE-TriTraining (NB)	[-0.0785 , -0.03045]	2
DE-TriTraining (SMO)	[-0.1042 , -0.05335]	2
CoForest	[-0.1042 , -0.0509]	2
Rasco (NN)	[0.00865 , 0.04075]	2
Rasco (C45)	[-0.0047 , 0.00375]	2
Rasco (NB)	[-0.0432 , 0.0046]	2
Rasco (SMO)	[-0.0189 , 0.0156]	2
Co-Bagging (NN)	[-0.1045 , -0.04655]	2
Co-Bagging (C45)	[-0.1167 , -0.0631]	2
Co-Bagging (NB)	[-0.09165 , -0.0365]	2
Co-Bagging (SMO)	[-0.09725 , -0.04525]	2
Rel-Rasco (NN)	[0.01355 , 0.0478]	2
Rel-Rasco (NB)	[-0.04185 , 0.00715]	2
Rel-Rasco (SMO)	[-0.01695 , 0.01495]	2
CLCC	[-0.0374 , 0.01935]	2
APSSC	[-0.06895 , -0.007]	2
SNNRCE	[-0.1 , -0.0369]	2
ADE-CoForest	[-0.0876 , -0.029]	2

Table 86: Confidence intervals for algorithm Rel-Rasco (C45) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.10975 , -0.02875]	2
Self-Training (C45)	[-0.1113 , -0.05215]	2
Self-Training (NB)	[-0.0759 , -0.00605]	2
Self-Training (SMO)	[-0.09515 , -0.0322]	2
Co-Training (NN)	[-0.1036 , -0.0283]	2
Co-Training (C45)	[-0.1164 , -0.05425]	2
Co-Training (NB)	[-0.09655 , -0.02285]	2
Co-Training (SMO)	[-0.10735 , -0.04675]	2
Democratic-Co	[-0.11485 , -0.05475]	2
SETRED	[-0.11205 , -0.03235]	2
TriTraining (NN)	[-0.0999 , -0.02755]	2
TriTraining (C45)	[-0.1265 , -0.05835]	2
TriTraining (NB)	[-0.0992 , -0.02755]	2
TriTraining (SMO)	[-0.1061 , -0.04875]	2
DE-TriTraining (NN)	[-0.10225 , -0.03715]	2
DE-TriTraining (C45)	[-0.1015 , -0.0448]	2
DE-TriTraining (NB)	[-0.08465 , -0.02575]	2
DE-TriTraining (SMO)	[-0.10745 , -0.049]	2
CoForest	[-0.11155 , -0.04625]	2
Rasco (NN)	[0.0054 , 0.0444]	2
Rasco (C45)	[-0.0058 , 0.0048]	2
Rasco (NB)	[-0.0476 , 0.01035]	2
Rasco (SMO)	[-0.0236 , 0.0187]	2
Co-Bagging (NN)	[-0.11235 , -0.0414]	2
Co-Bagging (C45)	[-0.1218 , -0.06025]	2
Co-Bagging (NB)	[-0.09875 , -0.03135]	2
Co-Bagging (SMO)	[-0.1037 , -0.04195]	2
Rel-Rasco (NN)	[0.0103 , 0.0507]	2
Rel-Rasco (NB)	[-0.0482 , 0.0124]	2
Rel-Rasco (SMO)	[-0.02025 , 0.01855]	2
CLCC	[-0.0434 , 0.0257]	2
APSSC	[-0.0784 , -0.00025]	2
SNNRCE	[-0.1081 , -0.0315]	2
ADE-CoForest	[-0.09205 , -0.0225]	2

Table 87: Confidence intervals for algorithm Rel-Rasco (C45) (α=0.95)

30 Detailed results for Rel-Rasco (NB)

30.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	428.0	1112.0	-	1
Self-Training (C45)	202.0	1338.0	-	1
Self-Training (NB)	476.0	1009.0	-	1
Self-Training (SMO)	418.0	1122.0	-	1
Co-Training (NN)	426.0	1114.0	-	1
Co-Training (C45)	193.5	1346.5	-	1
Co-Training (NB)	148.0	1337.0	-	1
Co-Training (SMO)	324.0	1216.0	-	1
Democratic-Co	80.0	1460.0	-	1
SETRED	396.0	1144.0	-	1
TriTraining (NN)	450.0	1090.0	-	1
TriTraining (C45)	156.0	1329.0	-	1
TriTraining (NB)	112.0	1373.0	-	1
TriTraining (SMO)	319.5	1220.5	-	1
DE-TriTraining (NN)	365.0	1175.0	-	1
DE-TriTraining (C45)	265.0	1275.0	-	1
DE-TriTraining (NB)	211.5	1328.5	-	1
DE-TriTraining (SMO)	292.0	1193.0	-	1
CoForest	357.0	1183.0	-	1
Rasco (NN)	1127.0	413.0	-	0.002741
Rasco (C45)	896.5	643.5	-	0.286789
Rasco (NB)	936.0	549.0	-	0.093779
Rasco (SMO)	904.0	636.0	-	0.25878
Co-Bagging (NN)	320.0	1220.0	-	1
Co-Bagging (C45)	150.0	1390.0	-	1
Co-Bagging (NB)	117.0	1368.0	-	1
Co-Bagging (SMO)	313.0	1172.0	-	1
Rel-Rasco (NN)	1095.0	390.0	-	0.00237
Rel-Rasco (C45)	905.0	635.0	-	0.256252
Rel-Rasco (SMO)	915.0	625.0	-	0.222814
CLCC	758.0	782.0	-	1
APSSC	573.0	967.0	-	1
SNNRCE	405.0	1135.0	-	1
ADE-CoForest	433.0	1107.0	-	1

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

30.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0884 , -0.02505]	2
Self-Training (C45)	[-0.09795 , -0.052]	2
Self-Training (NB)	[-0.03305 , -0.0032]	2
Self-Training (SMO)	[-0.0842 , -0.02585]	2
Co-Training (NN)	[-0.08105 , -0.0223]	2
Co-Training (C45)	[-0.0969 , -0.0485]	2
Co-Training (NB)	[-0.06245 , -0.01835]	2
Co-Training (SMO)	[-0.0906 , -0.0358]	2
Democratic-Co	[-0.09605 , -0.055]	2
SETRED	[-0.0897 , -0.02805]	2
TriTraining (NN)	[-0.08545 , -0.02]	2
TriTraining (C45)	[-0.1047 , -0.05565]	2
TriTraining (NB)	[-0.06585 , -0.02465]	2
TriTraining (SMO)	[-0.0936 , -0.0384]	2
DE-TriTraining (NN)	[-0.08285 , -0.0291]	2
DE-TriTraining (C45)	[-0.0838 , -0.0391]	2
DE-TriTraining (NB)	[-0.0581 , -0.01925]	2
DE-TriTraining (SMO)	[-0.0842 , -0.0353]	2
CoForest	[-0.10115 , -0.03885]	2
Rasco (NN)	[0.019 , 0.0647]	2
Rasco (C45)	[-0.00905 , 0.03555]	2
Rasco (NB)	[0.00005 , 0.0072]	2
Rasco (SMO)	[-0.0081 , 0.04495]	2
Co-Bagging (NN)	[-0.0946 , -0.0366]	2
Co-Bagging (C45)	[-0.1025 , -0.05695]	2
Co-Bagging (NB)	[-0.0653 , -0.02065]	2
Co-Bagging (SMO)	[-0.0891 , -0.0366]	2
Rel-Rasco (NN)	[0.02115 , 0.06865]	2
Rel-Rasco (C45)	[-0.00715 , 0.04185]	2
Rel-Rasco (SMO)	[-0.00655 , 0.0458]	2
CLCC	[-0.0247 , 0.01745]	2
APSSC	[-0.0611 , -0.00025]	2
SNNRCE	[-0.0895 , -0.02565]	2
ADE-CoForest	[-0.0735 , -0.0194]	2

Table 89: Confidence intervals for algorithm Rel-Rasco (NB) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0934 , -0.02025]	2
Self-Training (C45)	[-0.102 , -0.04665]	2
Self-Training (NB)	[-0.0421 , -0.00155]	2
Self-Training (SMO)	[-0.09075 , -0.0183]	2
Co-Training (NN)	[-0.08805 , -0.01655]	2
Co-Training (C45)	[-0.10105 , -0.0446]	2
Co-Training (NB)	[-0.066 , -0.01645]	2
Co-Training (SMO)	[-0.09565 , -0.03135]	2
Democratic-Co	[-0.09975 , -0.0521]	2
SETRED	[-0.09645 , -0.0234]	2
TriTraining (NN)	[-0.09115 , -0.0144]	2
TriTraining (C45)	[-0.11165 , -0.0507]	2
TriTraining (NB)	[-0.06915 , -0.0219]	2
TriTraining (SMO)	[-0.0985 , -0.0326]	2
DE-TriTraining (NN)	[-0.08855 , -0.0251]	2
DE-TriTraining (C45)	[-0.08955 , -0.0345]	2
DE-TriTraining (NB)	[-0.06245 , -0.01675]	2
DE-TriTraining (SMO)	[-0.0897 , -0.03115]	2
CoForest	[-0.1069 , -0.03345]	2
Rasco (NN)	[0.0142 , 0.0682]	2
Rasco (C45)	[-0.0131 , 0.0419]	2
Rasco (NB)	[-0.00055 , 0.0082]	2
Rasco (SMO)	[-0.0132 , 0.05005]	2
Co-Bagging (NN)	[-0.10135 , -0.03015]	2
Co-Bagging (C45)	[-0.10895 , -0.05115]	2
Co-Bagging (NB)	[-0.0688 , -0.01875]	2
Co-Bagging (SMO)	[-0.09495 , -0.03285]	2
Rel-Rasco (NN)	[0.0164 , 0.0734]	2
Rel-Rasco (C45)	[-0.0124 , 0.0482]	2
Rel-Rasco (SMO)	[-0.01205 , 0.0519]	2
CLCC	[-0.02885 , 0.02165]	2
APSSC	[-0.0693 , 0.00535]	2
SNNRCE	[-0.09535 , -0.02045]	2
ADE-CoForest	[-0.0793 , -0.01525]	2

Table 90: Confidence intervals for algorithm Rel-Rasco (NB) (α=0.95)

31 Detailed results for Rel-Rasco (SMO)

31.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	325.0	1215.0	-	1
Self-Training (C45)	124.5	1415.5	-	1
Self-Training (NB)	471.0	1069.0	-	1
Self-Training (SMO)	194.0	1291.0	-	1
Co-Training (NN)	368.0	1172.0	-	1
Co-Training (C45)	134.0	1406.0	-	1
Co-Training (NB)	379.0	1161.0	-	1
Co-Training (SMO)	109.0	1376.0	-	1
Democratic-Co	127.5	1357.5	-	1
SETRED	308.0	1232.0	-	1
TriTraining (NN)	349.0	1191.0	-	1
TriTraining (C45)	101.0	1439.0	-	1
TriTraining (NB)	330.0	1210.0	-	1
TriTraining (SMO)	65.0	1420.0	-	1
DE-TriTraining (NN)	259.0	1226.0	-	1
DE-TriTraining (C45)	171.0	1314.0	-	1
DE-TriTraining (NB)	340.0	1200.0	-	1
DE-TriTraining (SMO)	140.5	1399.5	-	1
CoForest	299.0	1241.0	-	1
Rasco (NN)	1068.0	417.0	-	0.004955
Rasco (C45)	736.0	804.0	-	1
Rasco (NB)	619.0	921.0	-	1
Rasco (SMO)	722.5	817.5	-	1
Co-Bagging (NN)	251.5	1288.5	-	1
Co-Bagging (C45)	94.0	1446.0	-	1
Co-Bagging (NB)	301.5	1238.5	-	1
Co-Bagging (SMO)	97.0	1388.0	-	1
Rel-Rasco (NN)	1140.0	400.0	-	0.001887
Rel-Rasco (C45)	776.5	763.5	-	0.953182
Rel-Rasco (NB)	625.0	915.0	-	1
CLCC	682.5	857.5	-	1
APSSC	476.0	1009.0	-	1
SNNRCE	306.0	1234.0	-	1
ADE-CoForest	365.0	1120.0	-	1

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

31.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.11285 , -0.0367]	2
Self-Training (C45)	[-0.1253 , -0.064]	2
Self-Training (NB)	[-0.0756 , -0.0141]	2
Self-Training (SMO)	[-0.101 , -0.04465]	2
Co-Training (NN)	[-0.1084 , -0.0357]	2
Co-Training (C45)	[-0.1274 , -0.0649]	2
Co-Training (NB)	[-0.1002 , -0.0315]	2
Co-Training (SMO)	[-0.1188 , -0.05825]	2
Democratic-Co	[-0.12415 , -0.0651]	2
SETRED	[-0.11565 , -0.0417]	2
TriTraining (NN)	[-0.1065 , -0.03295]	2
TriTraining (C45)	[-0.13425 , -0.07085]	2
TriTraining (NB)	[-0.1003 , -0.03785]	2
TriTraining (SMO)	[-0.10725 , -0.05875]	2
DE-TriTraining (NN)	[-0.1064 , -0.0421]	2
DE-TriTraining (C45)	[-0.10895 , -0.05145]	2
DE-TriTraining (NB)	[-0.0922 , -0.03375]	2
DE-TriTraining (SMO)	[-0.11505 , -0.0542]	2
CoForest	[-0.12645 , -0.05105]	2
Rasco (NN)	[0.0133 , 0.03895]	2
Rasco (C45)	[-0.0191 , 0.0126]	2
Rasco (NB)	[-0.04235 , 0.0056]	2
Rasco (SMO)	[-0.0061 , 0.00355]	2
Co-Bagging (NN)	[-0.11895 , -0.0498]	2
Co-Bagging (C45)	[-0.1338 , -0.07125]	2
Co-Bagging (NB)	[-0.10365 , -0.04245]	2
Co-Bagging (SMO)	[-0.1069 , -0.04865]	2
Rel-Rasco (NN)	[0.0161 , 0.04415]	2
Rel-Rasco (C45)	[-0.01495 , 0.01695]	2
Rel-Rasco (NB)	[-0.0458 , 0.00655]	2
CLCC	[-0.05185 , 0.01915]	2
APSSC	[-0.0876 , -0.0115]	2
SNNRCE	[-0.11205 , -0.0405]	2
ADE-CoForest	[-0.10045 , -0.03295]	2

Table 92: Confidence intervals for algorithm Rel-Rasco (SMO) (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.12035 , -0.031]	2
Self-Training (C45)	[-0.1321 , -0.0595]	2
Self-Training (NB)	[-0.08315 , -0.00925]	2
Self-Training (SMO)	[-0.10835 , -0.0412]	2
Co-Training (NN)	[-0.1158 , -0.0295]	2
Co-Training (C45)	[-0.1322 , -0.0586]	2
Co-Training (NB)	[-0.10535 , -0.02395]	2
Co-Training (SMO)	[-0.12345 , -0.05215]	2
Democratic-Co	[-0.13165 , -0.0575]	2
SETRED	[-0.1237 , -0.0349]	2
TriTraining (NN)	[-0.11605 , -0.02645]	2
TriTraining (C45)	[-0.14 , -0.065]	2
TriTraining (NB)	[-0.10855 , -0.03135]	2
TriTraining (SMO)	[-0.11225 , -0.0532]	2
DE-TriTraining (NN)	[-0.11255 , -0.0369]	2
DE-TriTraining (C45)	[-0.11615 , -0.0471]	2
DE-TriTraining (NB)	[-0.0993 , -0.0278]	2
DE-TriTraining (SMO)	[-0.12095 , -0.0486]	2
CoForest	[-0.13485 , -0.0464]	2
Rasco (NN)	[0.01 , 0.04135]	2
Rasco (C45)	[-0.02205 , 0.0154]	2
Rasco (NB)	[-0.048 , 0.00985]	2
Rasco (SMO)	[-0.00705 , 0.00485]	2
Co-Bagging (NN)	[-0.1255 , -0.0439]	2
Co-Bagging (C45)	[-0.138 , -0.0653]	2
Co-Bagging (NB)	[-0.10875 , -0.0387]	2
Co-Bagging (SMO)	[-0.11195 , -0.04465]	2
Rel-Rasco (NN)	[0.0132 , 0.0479]	2
Rel-Rasco (C45)	[-0.01855 , 0.02025]	2
Rel-Rasco (NB)	[-0.0519 , 0.01205]	2
CLCC	[-0.0588 , 0.0248]	2
APSSC	[-0.09535 , -0.00485]	2
SNNRCE	[-0.12025 , -0.03505]	2
ADE-CoForest	[-0.1093 , -0.0271]	2

Table 93: Confidence intervals for algorithm Rel-Rasco (SMO) (α=0.95)

32 Detailed results for CLCC

32.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	392.0	1148.0	-	1
Self-Training (C45)	242.0	1298.0	-	1
Self-Training (NB)	576.0	964.0	-	1
Self-Training (SMO)	371.0	1114.0	-	1
Co-Training (NN)	422.0	1118.0	-	1
Co-Training (C45)	228.0	1257.0	-	1
Co-Training (NB)	352.0	1133.0	-	1
Co-Training (SMO)	350.0	1135.0	-	1
Democratic-Co	123.0	1362.0	-	1
SETRED	348.0	1137.0	-	1
TriTraining (NN)	408.5	1131.5	-	1
TriTraining (C45)	203.5	1336.5	-	1
TriTraining (NB)	353.5	1186.5	-	1
TriTraining (SMO)	345.5	1194.5	-	1
DE-TriTraining (NN)	276.0	1209.0	-	1
DE-TriTraining (C45)	220.0	1265.0	-	1
DE-TriTraining (NB)	287.0	1253.0	-	1
DE-TriTraining (SMO)	241.0	1244.0	-	1
CoForest	251.5	1288.5	-	1
Rasco (NN)	1057.0	483.0	-	0.015893
Rasco (C45)	814.0	726.0	-	0.709264
Rasco (NB)	790.0	750.0	-	0.863626
Rasco (SMO)	816.0	669.0	-	0.524023
Co-Bagging (NN)	220.0	1320.0	-	1
Co-Bagging (C45)	211.0	1329.0	-	1
Co-Bagging (NB)	316.0	1224.0	-	1
Co-Bagging (SMO)	356.0	1129.0	-	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)	857.5	682.5	-	0.460932
APSSC	513.0	1027.0	-	1
SNNRCE	396.5	1143.5	-	1
ADE-CoForest	318.5	1166.5	-	1

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

32.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.086 , -0.02465]	2
Self-Training (C45)	[-0.09545 , -0.0399]	2
Self-Training (NB)	[-0.0321 , 0]	2
Self-Training (SMO)	[-0.0784 , -0.02645]	2
Co-Training (NN)	[-0.0785 , -0.0196]	2
Co-Training (C45)	[-0.0986 , -0.0421]	2
Co-Training (NB)	[-0.04905 , -0.01695]	2
Co-Training (SMO)	[-0.0948 , -0.03005]	2
Democratic-Co	[-0.09195 , -0.04245]	2
SETRED	[-0.08655 , -0.0279]	2
TriTraining (NN)	[-0.0711 , -0.01755]	2
TriTraining (C45)	[-0.10695 , -0.04905]	2
TriTraining (NB)	[-0.05255 , -0.01815]	2
TriTraining (SMO)	[-0.0926 , -0.02965]	2
DE-TriTraining (NN)	[-0.0692 , -0.02505]	2
DE-TriTraining (C45)	[-0.0796 , -0.02875]	2
DE-TriTraining (NB)	[-0.0411 , -0.01455]	2
DE-TriTraining (SMO)	[-0.08085 , -0.0312]	2
CoForest	[-0.0826 , -0.0302]	2
Rasco (NN)	[0.0128 , 0.0591]	2
Rasco (C45)	[-0.0232 , 0.0336]	2
Rasco (NB)	[-0.01845 , 0.02355]	2
Rasco (SMO)	[-0.022 , 0.04555]	2
Co-Bagging (NN)	[-0.08805 , -0.0306]	2
Co-Bagging (C45)	[-0.1029 , -0.0444]	2
Co-Bagging (NB)	[-0.05495 , -0.0209]	2
Co-Bagging (SMO)	[-0.0919 , -0.02425]	2
Rel-Rasco (NN)	[0.01515 , 0.06675]	2
Rel-Rasco (C45)	[-0.01935 , 0.0374]	2
Rel-Rasco (NB)	[-0.01745 , 0.0247]	2
Rel-Rasco (SMO)	[-0.01915 , 0.05185]	2
APSSC	[-0.05945 , -0.0062]	2
SNNRCE	[-0.0809 , -0.02165]	2
ADE-CoForest	[-0.0474 , -0.0174]	2

Table 95: Confidence intervals for algorithm CLCC (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0928 , -0.01825]	2
Self-Training (C45)	[-0.1035 , -0.0359]	2
Self-Training (NB)	[-0.03645 , 0.0026]	2
Self-Training (SMO)	[-0.0857 , -0.0199]	2
Co-Training (NN)	[-0.08465 , -0.01475]	2
Co-Training (C45)	[-0.1055 , -0.03745]	2
Co-Training (NB)	[-0.05315 , -0.0146]	2
Co-Training (SMO)	[-0.10205 , -0.0241]	2
Democratic-Co	[-0.10235 , -0.0393]	2
SETRED	[-0.093 , -0.02205]	2
TriTraining (NN)	[-0.07885 , -0.01315]	2
TriTraining (C45)	[-0.114 , -0.0439]	2
TriTraining (NB)	[-0.058 , -0.015]	2
TriTraining (SMO)	[-0.1005 , -0.02505]	2
DE-TriTraining (NN)	[-0.0754 , -0.0214]	2
DE-TriTraining (C45)	[-0.08455 , -0.0261]	2
DE-TriTraining (NB)	[-0.04535 , -0.01285]	2
DE-TriTraining (SMO)	[-0.0908 , -0.029]	2
CoForest	[-0.0914 , -0.02645]	2
Rasco (NN)	[0.0084 , 0.06325]	2
Rasco (C45)	[-0.02825 , 0.03875]	2
Rasco (NB)	[-0.0231 , 0.02905]	2
Rasco (SMO)	[-0.0293 , 0.05285]	2
Co-Bagging (NN)	[-0.0967 , -0.0274]	2
Co-Bagging (C45)	[-0.11505 , -0.04085]	2
Co-Bagging (NB)	[-0.05965 , -0.0178]	2
Co-Bagging (SMO)	[-0.10065 , -0.01835]	2
Rel-Rasco (NN)	[0.0101 , 0.07085]	2
Rel-Rasco (C45)	[-0.0257 , 0.0434]	2
Rel-Rasco (NB)	[-0.02165 , 0.02885]	2
Rel-Rasco (SMO)	[-0.0248 , 0.0588]	2
APSSC	[-0.0664 , -0.0026]	2
SNNRCE	[-0.08795 , -0.0164]	2
ADE-CoForest	[-0.05115 , -0.01485]	2

Table 96: Confidence intervals for algorithm CLCC (α=0.95)

33 Detailed results for APSSC

33.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	477.0	1063.0	-	1
Self-Training (C45)	390.0	1150.0	-	1
Self-Training (NB)	816.0	724.0	-	0.696831
Self-Training (SMO)	563.5	921.5	-	1
Co-Training (NN)	532.0	1008.0	-	1
Co-Training (C45)	411.0	1129.0	-	1
Co-Training (NB)	730.0	810.0	-	1
Co-Training (SMO)	431.0	1109.0	-	1
Democratic-Co	329.5	1210.5	-	1
SETRED	439.5	1100.5	-	1
TriTraining (NN)	551.0	989.0	-	1
TriTraining (C45)	355.0	1185.0	-	1
TriTraining (NB)	699.0	841.0	-	1
TriTraining (SMO)	441.0	1044.0	-	1
DE-TriTraining (NN)	534.0	1006.0	-	1
DE-TriTraining (C45)	466.0	1074.0	-	1
DE-TriTraining (NB)	715.0	825.0	-	1
DE-TriTraining (SMO)	396.0	1144.0	-	1
CoForest	518.0	1022.0	-	1
Rasco (NN)	1240.0	300.0	-	0.000081
Rasco (C45)	978.0	562.0	-	0.08065
Rasco (NB)	972.0	568.0	-	0.089762
Rasco (SMO)	1022.0	518.0	-	0.03438
Co-Bagging (NN)	395.0	1145.0	-	1
Co-Bagging (C45)	367.0	1173.0	-	1
Co-Bagging (NB)	662.0	878.0	-	1
Co-Bagging (SMO)	448.0	1092.0	-	1
Rel-Rasco (NN)	1228.0	312.0	-	0.000122
Rel-Rasco (C45)	1004.0	536.0	-	0.049441
Rel-Rasco (NB)	967.0	573.0	-	0.097973
Rel-Rasco (SMO)	1009.0	476.0	-	0.021509
CLCC	1027.0	513.0	-	0.030969
SNNRCE	480.0	1060.0	-	1
ADE-CoForest	652.5	887.5	-	1

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

33.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04175 , -0.00885]	2
Self-Training (C45)	[-0.0601 , -0.02085]	2
Self-Training (NB)	[-0.01595 , 0.0283]	2
Self-Training (SMO)	[-0.04385 , 0.0029]	2
Co-Training (NN)	[-0.04075 , -0.0038]	2
Co-Training (C45)	[-0.0652 , -0.0206]	2
Co-Training (NB)	[-0.02975 , 0.0155]	2
Co-Training (SMO)	[-0.0618 , -0.01865]	2
Democratic-Co	[-0.0604 , -0.02395]	2
SETRED	[-0.0474 , -0.01225]	2
TriTraining (NN)	[-0.0366 , -0.00215]	2
TriTraining (C45)	[-0.07075 , -0.0261]	2
TriTraining (NB)	[-0.0315 , 0.01115]	2
TriTraining (SMO)	[-0.0538 , -0.01365]	2
DE-TriTraining (NN)	[-0.0377 , -0.00365]	2
DE-TriTraining (C45)	[-0.052 , -0.0138]	2
DE-TriTraining (NB)	[-0.028 , 0.01445]	2
DE-TriTraining (SMO)	[-0.0593 , -0.01845]	2
CoForest	[-0.0521 , -0.0067]	2
Rasco (NN)	[0.0435 , 0.0957]	2
Rasco (C45)	[0.00225 , 0.06605]	2
Rasco (NB)	[0.0006 , 0.0652]	2
Rasco (SMO)	[0.0101 , 0.07765]	2
Co-Bagging (NN)	[-0.045 , -0.014]	2
Co-Bagging (C45)	[-0.0699 , -0.0254]	2
Co-Bagging (NB)	[-0.03755 , 0.00925]	2
Co-Bagging (SMO)	[-0.0589 , -0.0154]	2
Rel-Rasco (NN)	[0.04675 , 0.1045]	2
Rel-Rasco (C45)	[0.007 , 0.06895]	2
Rel-Rasco (NB)	[0.00025 , 0.0611]	2
Rel-Rasco (SMO)	[0.0115 , 0.0876]	2
CLCC	[0.0062 , 0.05945]	2
SNNRCE	[-0.0391 , -0.0076]	2
ADE-CoForest	[-0.03555 , 0.0094]	2

Table 98: Confidence intervals for algorithm APSSC (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.04635 , -0.00475]	2
Self-Training (C45)	[-0.0658 , -0.01715]	2
Self-Training (NB)	[-0.02165 , 0.03555]	2
Self-Training (SMO)	[-0.0479 , 0.00615]	2
Co-Training (NN)	[-0.04455 , -0.0006]	2
Co-Training (C45)	[-0.071 , -0.0156]	2
Co-Training (NB)	[-0.03665 , 0.01925]	2
Co-Training (SMO)	[-0.0654 , -0.014]	2
Democratic-Co	[-0.06455 , -0.0207]	2
SETRED	[-0.05185 , -0.0089]	2
TriTraining (NN)	[-0.0407 , 0.0014]	2
TriTraining (C45)	[-0.0749 , -0.022]	2
TriTraining (NB)	[-0.0374 , 0.0147]	2
TriTraining (SMO)	[-0.0578 , -0.00985]	2
DE-TriTraining (NN)	[-0.0422 , -0.0003]	2
DE-TriTraining (C45)	[-0.0561 , -0.00925]	2
DE-TriTraining (NB)	[-0.034 , 0.0178]	2
DE-TriTraining (SMO)	[-0.06275 , -0.0147]	2
CoForest	[-0.0569 , -0.00195]	2
Rasco (NN)	[0.0383 , 0.1024]	2
Rasco (C45)	[-0.0043 , 0.07415]	2
Rasco (NB)	[-0.00405 , 0.07085]	2
Rasco (SMO)	[0.00385 , 0.0859]	2
Co-Bagging (NN)	[-0.04795 , -0.01115]	2
Co-Bagging (C45)	[-0.0743 , -0.0206]	2
Co-Bagging (NB)	[-0.0428 , 0.0122]	2
Co-Bagging (SMO)	[-0.0625 , -0.01]	2
Rel-Rasco (NN)	[0.04215 , 0.11325]	2
Rel-Rasco (C45)	[0.00025 , 0.0784]	2
Rel-Rasco (NB)	[-0.00535 , 0.0693]	2
Rel-Rasco (SMO)	[0.00485 , 0.09535]	2
CLCC	[0.0026 , 0.0664]	2
SNNRCE	[-0.0443 , -0.00485]	2
ADE-CoForest	[-0.03895 , 0.01485]	2

Table 99: Confidence intervals for algorithm APSSC (α=0.95)

34 Detailed results for SNNRCE

34.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	768.0	772.0	-	1
Self-Training (C45)	585.0	955.0	-	1
Self-Training (NB)	967.5	517.5	-	0.051932
Self-Training (SMO)	776.0	764.0	-	0.956523
Co-Training (NN)	850.5	689.5	-	0.495997
Co-Training (C45)	566.5	973.5	-	1
Co-Training (NB)	897.0	643.0	-	0.285401
Co-Training (SMO)	605.0	935.0	-	1
Democratic-Co	456.5	1083.5	-	1
SETRED	581.0	904.0	-	1
TriTraining (NN)	886.0	599.0	-	0.212057
TriTraining (C45)	488.0	1052.0	-	1
TriTraining (NB)	839.0	701.0	-	0.560358
TriTraining (SMO)	643.0	897.0	-	1
DE-TriTraining (NN)	793.5	746.5	-	0.840467
DE-TriTraining (C45)	594.0	891.0	-	1
DE-TriTraining (NB)	860.0	680.0	-	0.448296
DE-TriTraining (SMO)	534.0	1006.0	-	1
CoForest	574.5	965.5	-	1
Rasco (NN)	1496.0	44.0	-	0
Rasco (C45)	1185.0	355.0	-	0.000499
Rasco (NB)	1152.0	388.0	-	0.001336
Rasco (SMO)	1220.0	320.0	-	0.00016
Co-Bagging (NN)	412.5	1127.5	-	1
Co-Bagging (C45)	498.0	1042.0	-	1
Co-Bagging (NB)	833.0	707.0	-	0.5947
Co-Bagging (SMO)	545.5	994.5	-	1
Rel-Rasco (NN)	1511.0	29.0	-	0
Rel-Rasco (C45)	1198.0	342.0	-	0.00033
Rel-Rasco (NB)	1135.0	405.0	-	0.002196
Rel-Rasco (SMO)	1234.0	306.0	-	0.000099
CLCC	1143.5	396.5	-	0.001708
APSSC	1060.0	480.0	-	0.014829
ADE-CoForest	721.0	764.0	-	1

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

34.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0043 , 0.004]	2
Self-Training (C45)	[-0.02855 , 0.00065]	2
Self-Training (NB)	[0.0046 , 0.05135]	2
Self-Training (SMO)	[-0.0146 , 0.02175]	2
Co-Training (NN)	[-0.0038 , 0.0084]	2
Co-Training (C45)	[-0.03015 , -0.00115]	2
Co-Training (NB)	[-0.00675 , 0.0334]	2
Co-Training (SMO)	[-0.0218 , 0.00295]	2
Democratic-Co	[-0.03225 , -0.0092]	2
SETRED	[-0.00735 , 0.00065]	2
TriTraining (NN)	[-0.0014 , 0.0109]	2
TriTraining (C45)	[-0.03405 , -0.00735]	2
TriTraining (NB)	[-0.01205 , 0.0312]	2
TriTraining (SMO)	[-0.0167 , 0.00525]	2
DE-TriTraining (NN)	[-0.00665 , 0.00865]	2
DE-TriTraining (C45)	[-0.02375 , 0.0028]	2
DE-TriTraining (NB)	[-0.00945 , 0.0304]	2
DE-TriTraining (SMO)	[-0.0214 , -0.0025]	2
CoForest	[-0.0263 , 0]	2
Rasco (NN)	[0.06205 , 0.1137]	2
Rasco (C45)	[0.03365 , 0.0973]	2
Rasco (NB)	[0.0274 , 0.09315]	2
Rasco (SMO)	[0.0346 , 0.10675]	2
Co-Bagging (NN)	[-0.014 , -0.00425]	2
Co-Bagging (C45)	[-0.03275 , -0.00645]	2
Co-Bagging (NB)	[-0.01285 , 0.02635]	2
Co-Bagging (SMO)	[-0.02195 , -0.00225]	2
Rel-Rasco (NN)	[0.06405 , 0.1214]	2
Rel-Rasco (C45)	[0.0369 , 0.1]	2
Rel-Rasco (NB)	[0.02565 , 0.0895]	2
Rel-Rasco (SMO)	[0.0405 , 0.11205]	2
CLCC	[0.02165 , 0.0809]	2
APSSC	[0.0076 , 0.0391]	2
ADE-CoForest	[-0.01115 , 0.0125]	2

Table 101: Confidence intervals for algorithm SNNRCE (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.0052 , 0.005]	2
Self-Training (C45)	[-0.0317 , 0.0036]	2
Self-Training (NB)	[0 , 0.05705]	2
Self-Training (SMO)	[-0.0167 , 0.02425]	2
Co-Training (NN)	[-0.00485 , 0.00975]	2
Co-Training (C45)	[-0.0333 , 0.0024]	2
Co-Training (NB)	[-0.01075 , 0.0382]	2
Co-Training (SMO)	[-0.0239 , 0.006]	2
Democratic-Co	[-0.03455 , -0.0069]	2
SETRED	[-0.00815 , 0.0013]	2
TriTraining (NN)	[-0.00265 , 0.0122]	2
TriTraining (C45)	[-0.0367 , -0.0048]	2
TriTraining (NB)	[-0.01605 , 0.0363]	2
TriTraining (SMO)	[-0.0194 , 0.00825]	2
DE-TriTraining (NN)	[-0.0076 , 0.00965]	2
DE-TriTraining (C45)	[-0.0258 , 0.0062]	2
DE-TriTraining (NB)	[-0.013 , 0.03525]	2
DE-TriTraining (SMO)	[-0.02305 , -0.0002]	2
CoForest	[-0.02955 , 0.0031]	2
Rasco (NN)	[0.05895 , 0.12305]	2
Rasco (C45)	[0.0272 , 0.1052]	2
Rasco (NB)	[0.02225 , 0.10115]	2
Rasco (SMO)	[0.03005 , 0.1163]	2
Co-Bagging (NN)	[-0.0148 , -0.0034]	2
Co-Bagging (C45)	[-0.03545 , -0.00405]	2
Co-Bagging (NB)	[-0.01645 , 0.0329]	2
Co-Bagging (SMO)	[-0.0234 , 0.00035]	2
Rel-Rasco (NN)	[0.0613 , 0.1295]	2
Rel-Rasco (C45)	[0.0315 , 0.1081]	2
Rel-Rasco (NB)	[0.02045 , 0.09535]	2
Rel-Rasco (SMO)	[0.03505 , 0.12025]	2
CLCC	[0.0164 , 0.08795]	2
APSSC	[0.00485 , 0.0443]	2
ADE-CoForest	[-0.01285 , 0.01705]	2

Table 102: Confidence intervals for algorithm SNNRCE (α=0.95)

35 Detailed results for ADE-CoForest

35.1 Results

VS	R^+	R^-	Exact P-value	Asymptotic P-value
Self-Training (NN)	768.0	772.0	-	1
Self-Training (C45)	527.0	958.0	-	1
Self-Training (NB)	990.5	549.5	-	0.063518
Self-Training (SMO)	648.5	891.5	-	1
Co-Training (NN)	787.5	752.5	-	0.879998
Co-Training (C45)	524.0	1016.0	-	1
Co-Training (NB)	835.0	705.0	-	0.583146
Co-Training (SMO)	587.0	898.0	-	1
Democratic-Co	442.0	1098.0	-	1
SETRED	739.5	800.5	-	1
TriTraining (NN)	796.0	744.0	-	0.823927
TriTraining (C45)	397.5	1142.5	-	1
TriTraining (NB)	775.0	765.0	-	0.963206
TriTraining (SMO)	594.0	891.0	-	1
DE-TriTraining (NN)	743.5	796.5	-	1
DE-TriTraining (C45)	653.5	831.5	-	1
DE-TriTraining (NB)	873.5	666.5	-	0.383054
DE-TriTraining (SMO)	570.5	914.5	-	1
CoForest	376.0	1109.0	-	1
Rasco (NN)	1353.0	187.0	-	0.000001
Rasco (C45)	1123.0	417.0	-	0.003058
Rasco (NB)	1124.0	416.0	-	0.002976
Rasco (SMO)	1106.0	379.0	-	0.001724
Co-Bagging (NN)	634.5	905.5	-	1
Co-Bagging (C45)	421.0	1119.0	-	1
Co-Bagging (NB)	787.0	753.0	-	0.883428
Co-Bagging (SMO)	563.5	921.5	-	1
Rel-Rasco (NN)	1349.0	191.0	-	0.000001
Rel-Rasco (C45)	1135.0	405.0	-	0.002196
Rel-Rasco (NB)	1107.0	433.0	-	0.004644
Rel-Rasco (SMO)	1120.0	365.0	-	0.001135
CLCC	1166.5	318.5	-	0.000253
APSSC	887.5	652.5	-	0.322318
SNNRCE	764.0	721.0	-	0.8496

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

35.2 Confidence intervals for Median of diferences

α=0.90	Confidence interval	Exact confidence
Self-Training (NN)	[-0.018 , 0.0119]	2
Self-Training (C45)	[-0.029 , -0.00215]	2
Self-Training (NB)	[0.00225 , 0.0433]	2
Self-Training (SMO)	[-0.02225 , 0.0059]	2
Co-Training (NN)	[-0.0152 , 0.016]	2
Co-Training (C45)	[-0.03115 , -0.0041]	2
Co-Training (NB)	[-0.013 , 0.0248]	2
Co-Training (SMO)	[-0.0307 , 0.0028]	2
Democratic-Co	[-0.03305 , -0.0075]	2
SETRED	[-0.01545 , 0.00875]	2
TriTraining (NN)	[-0.01675 , 0.01495]	2
TriTraining (C45)	[-0.0377 , -0.0103]	2
TriTraining (NB)	[-0.01995 , 0.0212]	2
TriTraining (SMO)	[-0.02535 , 0.0033]	2
DE-TriTraining (NN)	[-0.01185 , 0.00725]	2
DE-TriTraining (C45)	[-0.01655 , 0.0054]	2
DE-TriTraining (NB)	[-0.0072 , 0.0242]	2
DE-TriTraining (SMO)	[-0.01815 , 0.0006]	2
CoForest	[-0.02715 , -0.00685]	2
Rasco (NN)	[0.06305 , 0.10325]	2
Rasco (C45)	[0.02685 , 0.0848]	2
Rasco (NB)	[0.0218 , 0.0743]	2
Rasco (SMO)	[0.0318 , 0.09415]	2
Co-Bagging (NN)	[-0.02035 , 0.0027]	2
Co-Bagging (C45)	[-0.0367 , -0.00955]	2
Co-Bagging (NB)	[-0.0156 , 0.01915]	2
Co-Bagging (SMO)	[-0.02935 , 0.00045]	2
Rel-Rasco (NN)	[0.0653 , 0.1069]	2
Rel-Rasco (C45)	[0.029 , 0.0876]	2
Rel-Rasco (NB)	[0.0194 , 0.0735]	2
Rel-Rasco (SMO)	[0.03295 , 0.10045]	2
CLCC	[0.0174 , 0.0474]	2
APSSC	[-0.0094 , 0.03555]	2
SNNRCE	[-0.0125 , 0.01115]	2

Table 104: Confidence intervals for algorithm ADE-CoForest (α=0.90)

α=0.95	Confidence interval	Exact confidence
Self-Training (NN)	[-0.02365 , 0.014]	2
Self-Training (C45)	[-0.034 , 0.0007]	2
Self-Training (NB)	[-0.0012 , 0.04805]	2
Self-Training (SMO)	[-0.0251 , 0.009]	2
Co-Training (NN)	[-0.02005 , 0.01835]	2
Co-Training (C45)	[-0.0354 , -0.0012]	2
Co-Training (NB)	[-0.0172 , 0.02835]	2
Co-Training (SMO)	[-0.03415 , 0.0059]	2
Democratic-Co	[-0.03775 , -0.0056]	2
SETRED	[-0.02005 , 0.01115]	2
TriTraining (NN)	[-0.01975 , 0.01755]	2
TriTraining (C45)	[-0.04065 , -0.0084]	2
TriTraining (NB)	[-0.0229 , 0.02505]	2
TriTraining (SMO)	[-0.02975 , 0.00695]	2
DE-TriTraining (NN)	[-0.01405 , 0.00885]	2
DE-TriTraining (C45)	[-0.01925 , 0.0068]	2
DE-TriTraining (NB)	[-0.0102 , 0.027]	2
DE-TriTraining (SMO)	[-0.0209 , 0.00235]	2
CoForest	[-0.03015 , -0.00515]	2
Rasco (NN)	[0.0582 , 0.10735]	2
Rasco (C45)	[0.02065 , 0.09015]	2
Rasco (NB)	[0.0175 , 0.0793]	2
Rasco (SMO)	[0.0255 , 0.1019]	2
Co-Bagging (NN)	[-0.02295 , 0.0044]	2
Co-Bagging (C45)	[-0.04005 , -0.0073]	2
Co-Bagging (NB)	[-0.0194 , 0.023]	2
Co-Bagging (SMO)	[-0.0334 , 0.0043]	2
Rel-Rasco (NN)	[0.0617 , 0.111]	2
Rel-Rasco (C45)	[0.0225 , 0.09205]	2
Rel-Rasco (NB)	[0.01525 , 0.0793]	2
Rel-Rasco (SMO)	[0.0271 , 0.1093]	2
CLCC	[0.01485 , 0.05115]	2
APSSC	[-0.01485 , 0.03895]	2
SNNRCE	[-0.01705 , 0.01285]	2

Table 105: Confidence intervals for algorithm ADE-CoForest (α=0.95)