Tables of the statistical tests considering the imbalanced databases contained in the Bin4.

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Abstract

In this document we show supplementary material for the paper entitled "Effect of Class Imbalance on Quality Measures for Contrast Patterns: An Experimental Study" submitted to the journal Information Science since March, 2016.

1 Average rankings of Friedman test

Average ranks obtained by applying the Friedman procedure

Algorithm	Ranking
ACC	22.125
Brins	9.4062
Cconf	24.9375
Cole	9.4062
ColStr	24.375
Conf	9.4062
Cos	10.3438
Cover	10.4375
Dep	24.9375
ExCex	9.4062
Gain	21.5938
GR	9.4062
InfGain	24.9375
Jacc	10.3438
Klos	25.3438
Lap	15.5938
Lever	32
Lift	24.9375
MDisc	14.6875
MultInf	16.9062

NetConf	23
OddsR	8.7812
Pearson	19.3438
RelRisk	22.7812
SeBag	9.4062
Spec	22.4688
Streng	11.5625
Sup	13
SupDif	11.6562
WRACC	11.6562
X2	14.4062
Zhang	9.4062

Table 1: Average Rankings of the algorithms

Friedman statistic considering reduction performance (distributed according to chi-square with 31 degrees of freedom: 266.333807.

P-value computed by Friedman Test: 1.515932934736952E-10.

2 Post hoc comparisons

Results achieved on post hoc comparisons for $\alpha = 0.05$, $\alpha = 0.10$ and adjusted p-values.

2.1 P-values for $\alpha = 0.05$

i	algorithms	$z = (R_0 - R_i)/SE$	p	Shaffer
496	Lever vs. OddsR	7.000717	0	0.000101
495	Brins vs. Lever	6.812272	0	0.000108
494	Cole vs. Lever	6.812272	0	0.000108
493	Conf vs. Lever	6.812272	0	0.000108
492	ExCex vs. Lever	6.812272	0	0.000108
491	GR vs. Lever	6.812272	0	0.000108
490	Lever vs. SeBag	6.812272	0	0.000108
489	Lever vs. Zhang	6.812272	0	0.000108
488	Cos vs. Lever	6.529605	0	0.000108
487	Jacc vs. Lever	6.529605	0	0.000108
486	Cover vs. Lever	6.501338	0	0.000108
485	Lever vs. Streng	6.162138	0	0.000108
484	Lever vs. SupDif	6.133871	0	0.000108
483	Lever vs. WRACC	6.133871	0	0.000108
482	Lever vs. Sup	5.728716	0	0.000108
481	Lever vs. X2	5.304715	0	0.000108
480	Lever vs. MDisc	5.219915	0	0.000108
479	Klos vs. OddsR	4.993782	0.000001	0.000108
478	Lap vs. Lever	4.94667	0.000001	0.000108
477	Cconf vs. OddsR	4.871293	0.000001	0.000108
476	Dep vs. OddsR	4.871293	0.000001	0.000108
475	InfGain vs. OddsR	4.871293	0.000001	0.000108
474	Lift vs. OddsR	4.871293	0.000001	0.000108
473	Brins vs. Klos	4.805337	0.000002	0.000108
472	Cole vs. Klos	4.805337	0.000002	0.000108
471	Conf vs. Klos	4.805337	0.000002	0.000108
470	ExCex vs. Klos	4.805337	0.000002	0.000108
469	GR vs. Klos	4.805337	0.000002	0.000108
468	Klos vs. SeBag	4.805337	0.000002	0.000108
467	Klos vs. Zhang	4.805337	0.000002	0.000108
466	ColStr vs. OddsR	4.701693	0.000003	0.000108
465	Brins vs. Cconf	4.682848	0.000003	0.000108
464	Brins vs. Dep	4.682848	0.000003	0.000115
463	Brins vs. InfGain	4.682848	0.000003	0.000115
462	Brins vs. Lift	4.682848	0.000003	0.000115
461	Cconf vs. Cole	4.682848	0.000003	0.000115
460	Cconf vs. Conf	4.682848	0.000003	0.000115
459	Cconf vs. ExCex	4.682848	0.000003	0.000115
458	Cconf vs. GR	4.682848	0.000003	0.000115
457	Cconf vs. SeBag	4.682848	0.000003	0.000115
456	Cconf vs. Zhang	4.682848	0.000003	0.000115

455	Cole vs. Dep	4.682848	0.000003	0.000115
454	Cole vs. InfGain	4.682848	0.000003	0.000115
453	Cole vs. Lift	4.682848	0.000003	0.000115
452	Conf vs. Dep	4.682848	0.000003	0.000115
451	Conf vs. InfGain	4.682848	0.000003	0.000115
450	Conf vs. Lift	4.682848	0.000003	0.000115
449	Dep vs. ExCex	4.682848	0.000003	0.000115
448	Dep vs. GR	4.682848	0.000003	0.000115
447	Dep vs. SeBag	4.682848	0.000003	0.000115
446	Dep vs. Zhang	4.682848	0.000003	0.000115
445	ExCex vs. InfGain	4.682848	0.000003	0.000115
444	ExCex vs. Lift	4.682848	0.000003	0.000115
443	GR vs. InfGain	4.682848	0.000003	0.000115
442	GR vs. Lift	4.682848	0.000003	0.000115
441	InfGain vs. SeBag	4.682848	0.000003	0.000115
440	InfGain vs. Zhang	4.682848	0.000003	0.000115
439	Lift vs. SeBag	4.682848	0.000003	0.000115
438	Lift vs. Zhang	4.682848	0.000003	0.000115
437	Lever vs. MultInf	4.550937	0.000005	0.000115
436	Cos vs. Klos	4.52267	0.000006	0.000115
435	Jacc vs. Klos	4.52267	0.000006	0.000115
434	Brins vs. ColStr	4.513248	0.000006	0.000122
433	Cole vs. ColStr	4.513248	0.000006	0.000122
432	ColStr vs. Conf	4.513248	0.000006	0.000122
431	ColStr vs. ExCex	4.513248	0.000006	0.000122
430	ColStr vs. GR	4.513248	0.000006	0.000122
429	ColStr vs. SeBag	4.513248	0.000006	0.000122
428	ColStr vs. Zhang	4.513248	0.000006	0.000122
427	Cover vs. Klos	4.494403	0.000007	0.000122
426	Cconf vs. Cos	4.400181	0.000011	0.000122
425	Cconf vs. Jacc	4.400181	0.000011	0.000122
424	Cos vs. Dep	4.400181	0.000011	0.000122
423	Cos vs. InfGain	4.400181	0.000011	0.000122
422	Cos vs. Lift	4.400181	0.000011	0.000122
421	Dep vs. Jacc	4.400181	0.000011	0.000122
420	InfGain vs. Jacc	4.400181	0.000011	0.000122
419	Jacc vs. Lift	4.400181	0.000011	0.000122
418	Cconf vs. Cover	4.371914	0.000012	0.000122
417	Cover vs. Dep	4.371914	0.000012	0.000122
416	Cover vs. InfGain	4.371914	0.000012	0.000122
415	Cover vs. Lift	4.371914	0.000012	0.000122
414	NetConf vs. OddsR	4.287114	0.000018	0.000122
413	ColStr vs. Cos	4.230581	0.000023	0.000122
412	ColStr vs. Jacc	4.230581	0.000023	0.000122
411	OddsR vs. RelRisk	4.221159	0.000024	0.000122
410	ColStr vs. Cover	4.202314	0.000026	0.000122
409	Klos vs. Streng	4.155203	0.000032	0.000122
408	Klos vs. SupDif	4.126937	0.000037	0.000123
407	Klos vs. WRACC	4.126937	0.000037	0.000123
406	OddsR vs. Spec	4.126937	0.000037	0.000123

405	Brins vs. NetConf	4.09867	0.000042	0.00013
404	Cole vs. NetConf	4.09867	0.000042	0.00013
403	Conf vs. NetConf	4.09867	0.000042	0.00013
402	ExCex vs. NetConf	4.09867	0.000042	0.00013
401	GR vs. NetConf	4.09867	0.000042	0.00013
400	NetConf vs. SeBag	4.09867	0.000042	0.00013
399	NetConf vs. Zhang	4.09867	0.000042	0.00013
398	Brins vs. RelRisk	4.032714	0.000055	0.00013
397	Cconf vs. Streng	4.032714	0.000055	0.00013
396	Cole vs. RelRisk	4.032714	0.000055	0.00013
395	Conf vs. RelRisk	4.032714	0.000055	0.00013
394	Dep vs. Streng	4.032714	0.000055	0.00013
393	ExCex vs. RelRisk	4.032714	0.000055	0.00013
392	GR vs. RelRisk	4.032714	0.000055	0.00013
391	InfGain vs. Streng	4.032714	0.000055	0.00013
390	Lift vs. Streng	4.032714	0.000055	0.00013
389	RelRisk vs. SeBag	4.032714	0.000055	0.00013
388	RelRisk vs. Zhang	4.032714	0.000055	0.00013
387	ACC vs. OddsR	4.023292	0.000057	0.00013
386	Cconf vs. SupDif	4.004448	0.000062	0.00013
385	Cconf vs. WRACC	4.004448	0.000062	0.00013
384	Dep vs. SupDif	4.004448	0.000062	0.00013
383	Dep vs. WRACC	4.004448	0.000062	0.000131
382	InfGain vs. SupDif	4.004448	0.000062	0.000131
381	InfGain vs. WRACC	4.004448	0.000062	0.000131
380	Lift vs. SupDif	4.004448	0.000062	0.000132
379	Lift vs. WRACC	4.004448	0.000062	0.000132
378	Brins vs. Spec	3.938492	0.000082	0.000132
377	Cole vs. Spec	3.938492	0.000082	0.000139
376	Conf vs. Spec	3.938492	0.000082	0.000139
375	ExCex vs. Spec	3.938492	0.000082	0.000139
374	GR vs. Spec	3.938492	0.000082	0.000139
373	SeBag vs. Spec	3.938492	0.000082	0.000139
372	Spec vs. Zhang	3.938492	0.000082	0.000139
371	ColStr vs. Streng	3.863114	0.000112	0.000139
370	Gain vs. OddsR	3.863114	0.000112	0.000139
369	ACC vs. Brins	3.834847	0.000126	0.000139
368	ACC vs. Cole	3.834847	0.000126	0.000139
367	ACC vs. Conf	3.834847	0.000126	0.000139
366	ACC vs. ExCex	3.834847	0.000126	0.000139
365	ACC vs. GR	3.834847	0.000126	0.000139
364	ACC vs. SeBag	3.834847	0.000126	0.000139
363	ACC vs. Zhang	3.834847	0.000126	0.000139
362	ColStr vs. SupDif	3.834847	0.000126	0.000139
361	ColStr vs. WRACC	3.834847	0.000126	0.000139
360	Cos vs. NetConf	3.816003	0.000136	0.00014
359	Jacc vs. NetConf	3.816003	0.000136	0.00014
358	Lever vs. Pearson	3.816003	0.000136	0.00014
357	Cover vs. NetConf	3.787736	0.000152	0.00014
356	Cos vs. RelRisk	3.750047	0.000177	0.00014

355	Jacc vs. RelRisk	3.750047	0.000177	0.000141
354	Cover vs. RelRisk	3.721781	0.000198	0.000141
353	Klos vs. Sup	3.721781	0.000198	0.000142
352	Brins vs. Gain	3.67467	0.000238	0.000142
351	Cole vs. Gain	3.67467	0.000238	0.000142
350	Conf vs. Gain	3.67467	0.000238	0.000143
349	ExCex vs. Gain	3.67467	0.000238	0.000143
348	Gain vs. GR	3.67467	0.000238	0.000144
347	Gain vs. SeBag	3.67467	0.000238	0.000144
346	Gain vs. Zhang	3.67467	0.000238	0.000145
345	Cos vs. Spec	3.655825	0.000256	0.000145
344	Jacc vs. Spec	3.655825	0.000256	0.000145
343	Cover vs. Spec	3.627558	0.000286	0.000146
342	Cconf vs. Sup	3.599292	0.000319	0.000146
341	Dep vs. Sup	3.599292	0.000319	0.000147
340	InfGain vs. Sup	3.599292	0.000319	0.000147
339	Lift vs. Sup	3.599292	0.000319	0.000147
338	ACC vs. Cos	3.552181	0.000382	0.000148
337	ACC vs. Jacc	3.552181	0.000382	0.000148
336	ACC vs. Cover	3.523914	0.000425	0.000149
335	NetConf vs. Streng	3.448536	0.000564	0.000149
334	ColStr vs. Sup	3.429692	0.000604	0.00015
333	NetConf vs. SupDif	3.420269	0.000626	0.00015
332	NetConf vs. WRACC	3.420269	0.000626	0.000151
331	Cos vs. Gain	3.392003	0.000694	0.000151
330	Gain vs. Jacc	3.392003	0.000694	0.000152
329	RelRisk vs. Streng	3.38258	0.000718	0.000152
328	Cover vs. Gain	3.363736	0.000769	0.000152
327	RelRisk vs. SupDif	3.354314	0.000796	0.000153
326	RelRisk vs. WRACC	3.354314	0.000796	0.000153
325	Klos vs. X2	3.29778	0.000975	0.000154
324	Spec vs. Streng	3.288358	0.001008	0.000154
323	Spec vs. SupDif	3.260091	0.001114	0.000155
322	Spec vs. WRACC	3.260091	0.001114	0.000155
321	Klos vs. MDisc	3.21298	0.001314	0.000156
320	ACC vs. Streng	3.184714	0.001449	0.000156
319	OddsR vs. Pearson	3.184714	0.001449	0.000157
318	Cconf vs. X2	3.175291	0.001497	0.000157
317	Dep vs. X2	3.175291	0.001497	0.000158
316	InfGain vs. X2	3.175291	0.001497	0.000158
315	Lift vs. X2	3.175291	0.001497	0.000159
314	ACC vs. SupDif	3.156447	0.001597	0.000159
313	ACC vs. WRACC	3.156447	0.001597	0.00016
312	Gain vs. Lever	3.137602	0.001703	0.00016
311	Cconf vs. MDisc	3.090491	0.001998	0.000161
310	Dep vs. MDisc	3.090491	0.001998	0.000161
309	InfGain vs. MDisc	3.090491	0.001998	0.000162
308	Lift vs. MDisc	3.090491	0.001998	0.000162
307	Gain vs. Streng	3.024536	0.00249	0.000163
306	NetConf vs. Sup	3.015113	0.002569	0.000163

305	ColStr vs. X2	3.005691	0.00265	0.000164
304	Brins vs. Pearson	2.996269	0.002733	0.000164
303	Cole vs. Pearson	2.996269	0.002733	0.000165
302	Conf vs. Pearson	2.996269	0.002733	0.000166
301	ExCex vs. Pearson	2.996269	0.002733	0.000166
300	Gain vs. SupDif	2.996269	0.002733	0.000167
299	Gain vs. WRACC	2.996269	0.002733	0.000167
298	GR vs. Pearson	2.996269	0.002733	0.000168
297	Pearson vs. SeBag	2.996269	0.002733	0.000168
296	Pearson vs. Zhang	2.996269	0.002733	0.000169
295	ACC vs. Lever	2.977425	0.002907	0.000169
294	RelRisk vs. Sup	2.949158	0.003186	0.00017
293	Klos vs. Lap	2.939736	0.003285	0.000171
292	ColStr vs. MDisc	2.920891	0.00349	0.000171
291	Lever vs. Spec	2.87378	0.004056	0.000172
290	Spec vs. Sup	2.854936	0.004305	0.000172
289	Cconf vs. Lap	2.817247	0.004844	0.000173
288	Dep vs. Lap	2.817247	0.004844	0.000174
287	InfGain vs. Lap	2.817247	0.004844	0.000174
286	Lap vs. Lift	2.817247	0.004844	0.000175
285	Lever vs. RelRisk	2.779558	0.005443	0.000175
284	ACC vs. Sup	2.751291	0.005936	0.000176
283	Cos vs. Pearson	2.713602	0.006656	0.000177
282	Jacc vs. Pearson	2.713602	0.006656	0.000177
281	Lever vs. NetConf	2.713602	0.006656	0.000178
280	Cover vs. Pearson	2.685335	0.007246	0.000179
279	ColStr vs. Lap	2.647646	0.008105	0.000179
278	Gain vs. Sup	2.591113	0.009567	0.00018
277	NetConf vs. X2	2.591113	0.009567	0.000181
276	Klos vs. MultInf	2.544002	0.010959	0.000181
275	RelRisk vs. X2	2.525158	0.011565	0.000182
274	MDisc vs. NetConf	2.506313	0.0122	0.000182
273	MultInf vs. OddsR	2.44978	0.014294	0.000183
272	MDisc vs. RelRisk	2.440357	0.014673	0.000184
271	Spec vs. X2	2.430935	0.01506	0.000185
270	Cconf vs. MultInf	2.421513	0.015456	0.000185
269	Dep vs. MultInf	2.421513	0.015456	0.000186
268	InfGain vs. MultInf	2.421513	0.015456	0.000187
267	Lift vs. MultInf	2.421513	0.015456	0.000187
266	MDisc vs. Spec	2.346135	0.018969	0.000188
265	Pearson vs. Streng	2.346135	0.018969	0.000189
264	ACC vs. X2	2.327291	0.01995	0.000189
263	Pearson vs. SupDif	2.317868	0.020456	0.00019
262	Pearson vs. WRACC	2.317868	0.020456	0.000191
261	ColStr vs. Lever	2.299024	0.021504	0.000192
260	Brins vs. MultInf	2.261335	0.023739	0.000192
259	Cole vs. MultInf	2.261335	0.023739	0.000193
258	Conf vs. MultInf	2.261335	0.023739	0.000194
257	ExCex vs. MultInf	2.261335	0.023739	0.000195
256	GR vs. MultInf	2.261335	0.023739	0.000195

255	MultInf vs. SeBag	2.261335	0.023739	0.000196
254	MultInf vs. Zhang	2.261335	0.023739	0.000197
253	ColStr vs. MultInf	2.251913	0.024328	0.000198
252	ACC vs. MDisc	2.242491	0.02493	0.000198
251	Lap vs. NetConf	2.233068	0.025544	0.000199
250	Gain vs. X2	2.167113	0.030226	0.0002
249	Lap vs. RelRisk	2.167113	0.030226	0.000201
248	Cconf vs. Lever	2.129424	0.033219	0.000202
247	Dep vs. Lever	2.129424	0.033219	0.000202
246	InfGain vs. Lever	2.129424	0.033219	0.000203
245	Lever vs. Lift	2.129424	0.033219	0.000204
244	Gain vs. MDisc	2.082313	0.037314	0.000205
243	Lap vs. Spec	2.07289	0.038182	0.000206
242	Lap vs. OddsR	2.054046	0.039971	0.000207
241	Klos vs. Lever	2.006935	0.044757	0.000207
240	Cos vs. MultInf	1.978668	0.047853	0.000208
239	Jacc vs. MultInf	1.978668	0.047853	0.000209
238	ACC vs. Lap	1.969246	0.048925	0.00021
237	Cover vs. MultInf	1.950402	0.051128	0.000211
236	Pearson vs. Sup	1.912713	0.055785	0.000212
235	Brins vs. Lap	1.865601	0.062097	0.000213
234	Cole vs. Lap	1.865601	0.062097	0.000214
233	Conf vs. Lap	1.865601	0.062097	0.000215
232	ExCex vs. Lap	1.865601	0.062097	0.000216
231	GR vs. Lap	1.865601	0.062097	0.000216
230	Lap vs. SeBag	1.865601	0.062097	0.000217
229	Lap vs. Zhang	1.865601	0.062097	0.000218
228	MultInf vs. NetConf	1.837335	0.06616	0.000219
227	Gain vs. Lap	1.809068	0.07044	0.00022
226	Klos vs. Pearson	1.809068	0.07044	0.000221
225	MDisc vs. OddsR	1.780801	0.074945	0.000222
224	MultInf vs. RelRisk	1.771379	0.076498	0.000223
223	OddsR vs. X2	1.696001	0.089886	0.000224
222	Cconf vs. Pearson	1.686579	0.091684	0.000225
221	Dep vs. Pearson	1.686579	0.091684	0.000226
220	InfGain vs. Pearson	1.686579	0.091684	0.000227
219	Lift vs. Pearson	1.686579	0.091684	0.000228
218	MultInf vs. Spec	1.677157	0.093512	0.000229
217	MultInf vs. Streng	1.611201	0.107136	0.00023
216	Brins vs. MDisc	1.592357	0.111305	0.000231
215	Cole vs. MDisc	1.592357	0.111305	0.000233
214	Conf vs. MDisc	1.592357	0.111305	0.000234
213	ExCex vs. MDisc	1.592357	0.111305	0.000235
212	GR vs. MDisc	1.592357	0.111305	0.000236
211	MDisc vs. SeBag	1.592357	0.111305	0.000237
210	MDisc vs. Zhang	1.592357	0.111305	0.000238
209	Cos vs. Lap	1.582935	0.113436	0.000239
208	Jacc vs. Lap	1.582935	0.113436	0.00024
207	MultInf vs. SupDif	1.582935	0.113436	0.000242
206	MultInf vs. WRACC	1.582935	0.113436	0.000243

205	ACC vs. MultInf	1.573512	0.1156	0.000244
204	Cover vs. Lap	1.554668	0.120025	0.000245
203	ColStr vs. Pearson	1.516979	0.129272	0.000246
202	Brins vs. X2	1.507557	0.131668	0.000248
201	Cole vs. X2	1.507557	0.131668	0.000249
200	Conf vs. X2	1.507557	0.131668	0.00025
199	ExCex vs. X2	1.507557	0.131668	0.000251
198	GR vs. X2	1.507557	0.131668	0.000253
197	SeBag vs. X2	1.507557	0.131668	0.000254
196	X2 vs. Zhang	1.507557	0.131668	0.000255
195	Pearson vs. X2	1.488712	0.136563	0.000256
194	Gain vs. MultInf	1.413334	0.157557	0.000258
193	MDisc vs. Pearson	1.403912	0.160345	0.000259
192	Cos vs. MDisc	1.30969	0.190301	0.00026
191	Jacc vs. MDisc	1.30969	0.190301	0.000262
190	Cover vs. MDisc	1.281423	0.200045	0.000263
189	OddsR vs. Sup	1.272001	0.203373	0.000265
188	Cos vs. X2	1.22489	0.220617	0.000266
187	Jacc vs. X2	1.22489	0.220617	0.000267
186	Lap vs. Streng	1.215468	0.224188	0.000269
185	Cover vs. X2	1.196623	0.231453	0.00027
184	Lap vs. SupDif	1.187201	0.235148	0.000272
183	Lap vs. WRACC	1.187201	0.235148	0.000273
182	MultInf vs. Sup	1.177779	0.238885	0.000275
181	Gain vs. Klos	1.130668	0.258195	0.000276
180	Lap vs. Pearson	1.130668	0.258195	0.000278
179	NetConf vs. Pearson	1.102401	0.270287	0.000279
178	Brins vs. Sup	1.083556	0.278562	0.000281
177	Cole vs. Sup	1.083556	0.278562	0.000282
176	Conf vs. Sup	1.083556	0.278562	0.000284
175	ExCex vs. Sup	1.083556	0.278562	0.000286
174	GR vs. Sup	1.083556	0.278562	0.000287
173	SeBag vs. Sup	1.083556	0.278562	0.000289
172	Sup vs. Zhang	1.083556	0.278562	0.000291
171	Pearson vs. RelRisk	1.036445	0.299994	0.000292
170	Cconf vs. Gain	1.008179	0.313369	0.000294
169	Dep vs. Gain	1.008179	0.313369	0.000296
168	Gain vs. InfGain	1.008179	0.313369	0.000298
167	Gain vs. Lift	1.008179	0.313369	0.000299
166	ACC vs. Klos	0.97049	0.331802	0.000301
165	MDisc vs. Streng	0.942223	0.346079	0.000303
164	Pearson vs. Spec	0.942223	0.346079	0.000305
163	MDisc vs. SupDif	0.913956	0.36074	0.000307
162	MDisc vs. WRACC	0.913956	0.36074	0.000309
161	Klos vs. Spec	0.866845	0.386027	0.000311
160	OddsR vs. SupDif	0.866845	0.386027	0.000312
159	OddsR vs. WRACC	0.866845	0.386027	0.000314
158	Streng vs. X2	0.857423	0.391211	0.000316
157	ACC vs. Cconf	0.848001	0.396438	0.000318
156	ACC vs. Dep	0.848001	0.396438	0.000321

155	ACC vs. InfGain	0.848001	0.396438	0.000323
154	ACC vs. Lift	0.848001	0.396438	0.000325
153	ACC vs. Pearson	0.838578	0.401706	0.000327
152	ColStr vs. Gain	0.838578	0.401706	0.000329
151	OddsR vs. Streng	0.838578	0.401706	0.000331
150	SupDif vs. X2	0.829156	0.407016	0.000333
149	WRACC vs. X2	0.829156	0.407016	0.000336
148	Cos vs. Sup	0.80089	0.423196	0.000338
147	Jacc vs. Sup	0.80089	0.423196	0.00034
146	Lap vs. Sup	0.782045	0.434188	0.000342
145	Cover vs. Sup	0.772623	0.439746	0.000345
144	Klos vs. RelRisk	0.772623	0.439746	0.000347
143	MultInf vs. X2	0.753778	0.450982	0.00035
142	Cconf vs. Spec	0.744356	0.456661	0.000352
141	Dep vs. Spec	0.744356	0.456661	0.000355
140	InfGain vs. Spec	0.744356	0.456661	0.000357
139	Lift vs. Spec	0.744356	0.456661	0.00036
138	MultInf vs. Pearson	0.734934	0.46238	0.000362
137	Klos vs. NetConf	0.706667	0.479773	0.000365
136	ACC vs. ColStr	0.678401	0.497518	0.000368
135	Brins vs. SupDif	0.678401	0.497518	0.00037
134	Brins vs. WRACC	0.678401	0.497518	0.000373
133	Cole vs. SupDif	0.678401	0.497518	0.000376
132	Cole vs. WRACC	0.678401	0.497518	0.000379
131	Conf vs. SupDif	0.678401	0.497518	0.000382
130	Conf vs. WRACC	0.678401	0.497518	0.000385
129	ExCex vs. SupDif	0.678401	0.497518	0.000388
128	ExCex vs. WRACC	0.678401	0.497518	0.000391
127	Gain vs. Pearson	0.678401	0.497518	0.000394
126	GR vs. SupDif	0.678401	0.497518	0.000397
125	GR vs. WRACC	0.678401	0.497518	0.0004
124	SeBag vs. SupDif	0.678401	0.497518	0.000403
123	SeBag vs. WRACC	0.678401	0.497518	0.000407
122	SupDif vs. Zhang	0.678401	0.497518	0.00041
121	WRACC vs. Zhang	0.678401	0.497518	0.000413
120	MDisc vs. MultInf	0.668978	0.503509	0.000417
119	Brins vs. Streng	0.650134	0.515606	0.00042
118	Cconf vs. RelRisk	0.650134	0.515606	0.000424
117	Cole vs. Streng	0.650134	0.515606	0.000427
116	Conf vs. Streng	0.650134	0.515606	0.000431
115	Dep vs. RelRisk	0.650134	0.515606	0.000435
114	ExCex vs. Streng	0.650134	0.515606	0.000439
113	GR vs. Streng	0.650134	0.515606	0.000442
112	InfGain vs. RelRisk	0.650134	0.515606	0.000446
111	Lift vs. RelRisk	0.650134	0.515606	0.00045
110	SeBag vs. Streng	0.650134	0.515606	0.000455
109	Streng vs. Zhang	0.650134	0.515606	0.000459
108	Cconf vs. NetConf	0.584178	0.5591	0.000463
107	Dep vs. NetConf	0.584178	0.5591	0.000467
106	InfGain vs. NetConf	0.584178	0.5591	0.000472

105	Lift vs. NetConf	0.584178	0.5591	0.000476
104	ColStr vs. Spec	0.574756	0.565456	0.000481
103	MDisc vs. Sup	0.5088	0.610892	0.000485
102	Cover vs. OddsR	0.499378	0.617513	0.00049
101	ColStr vs. RelRisk	0.480534	0.630848	0.000495
100	Cos vs. OddsR	0.471111	0.637561	0.0005
99	Jacc vs. OddsR	0.471111	0.637561	0.000505
98	Streng vs. Sup	0.433423	0.664708	0.00051
97	Gain vs. NetConf	0.424	0.671566	0.000515
96	Sup vs. X2	0.424	0.671566	0.000521
95	ColStr vs. NetConf	0.414578	0.678451	0.000526
94	Sup vs. SupDif	0.405156	0.685363	0.000532
93	Sup vs. WRACC	0.405156	0.685363	0.000538
92	Cos vs. SupDif	0.395734	0.692302	0.000543
91	Cos vs. WRACC	0.395734	0.692302	0.000549
90	Jacc vs. SupDif	0.395734	0.692302	0.000556
89	Jacc vs. WRACC	0.395734	0.692302	0.000562
88	Lap vs. MultInf	0.395734	0.692302	0.000568
87	Cos vs. Streng	0.367467	0.713271	0.000575
86	Cover vs. SupDif	0.367467	0.713271	0.000581
85	Cover vs. WRACC	0.367467	0.713271	0.000588
84	Jacc vs. Streng	0.367467	0.713271	0.000595
83	Gain vs. RelRisk	0.358045	0.72031	0.000602
82	Lap vs. X2	0.358045	0.72031	0.00061
81	Cover vs. Streng	0.3392	0.734459	0.000617
80	Brins vs. Cover	0.310934	0.755851	0.000625
79	Cole vs. Cover	0.310934	0.755851	0.000633
78	Conf vs. Cover	0.310934	0.755851	0.000641
77	Cover vs. ExCex	0.310934	0.755851	0.000649
76	Cover vs. GR	0.310934	0.755851	0.000658
75	Cover vs. SeBag	0.310934	0.755851	0.000667
74	Cover vs. Zhang	0.310934	0.755851	0.000676
73	ColStr vs. Klos	0.292089	0.770218	0.000685
72	Brins vs. Cos	0.282667	0.777432	0.000694
71	Brins vs. Jacc	0.282667	0.777432	0.000704
70	Cole vs. Cos	0.282667	0.777432	0.000714
69	Cole vs. Jacc	0.282667	0.777432	0.000725
68	Conf vs. Cos	0.282667	0.777432	0.000735
67	Conf vs. Jacc	0.282667	0.777432	0.000746
66	Cos vs. ExCex	0.282667	0.777432	0.000758
65	Cos vs. GR	0.282667	0.777432	0.000769
64	Cos vs. SeBag	0.282667	0.777432	0.000781
63	Cos vs. Zhang	0.282667	0.777432	0.000794
62	ExCex vs. Jacc	0.282667	0.777432	0.000806
61	GR vs. Jacc	0.282667	0.777432	0.00082
60	Jacc vs. SeBag	0.282667	0.777432	0.000833
59	Jacc vs. Zhang	0.282667	0.777432	0.000847
58	Lap vs. MDisc	0.273245	0.784665	0.000862
57	ACC vs. NetConf	0.263822	0.791917	0.000877
56	Gain vs. Spec	0.263822	0.791917	0.000893

55	ACC vs. RelRisk	0.197867	0.843149	0.000909
54	Brins vs. OddsR	0.188445	0.850528	0.000926
53	Cole vs. OddsR	0.188445	0.850528	0.000943
52	Conf vs. OddsR	0.188445	0.850528	0.000962
51	ExCex vs. OddsR	0.188445	0.850528	0.00098
50	GR vs. OddsR	0.188445	0.850528	0.001
49	OddsR vs. SeBag	0.188445	0.850528	0.00102
48	OddsR vs. Zhang	0.188445	0.850528	0.001042
47	Cconf vs. ColStr	0.1696	0.865325	0.001064
46	ColStr vs. Dep	0.1696	0.865325	0.001087
45	ColStr vs. InfGain	0.1696	0.865325	0.001111
44	ColStr vs. Lift	0.1696	0.865325	0.001136
43	ACC vs. Gain	0.160178	0.872741	0.001163
42	NetConf vs. Spec	0.160178	0.872741	0.00119
41	Cconf vs. Klos	0.122489	0.902512	0.00122
40	Dep vs. Klos	0.122489	0.902512	0.00125
39	InfGain vs. Klos	0.122489	0.902512	0.001282
38	Klos vs. Lift	0.122489	0.902512	0.001316
37	ACC vs. Spec	0.103645	0.917451	0.001351
36	RelRisk vs. Spec	0.094222	0.924933	0.001389
35	MDisc vs. X2	0.0848	0.93242	0.001429
34	NetConf vs. RelRisk	0.065956	0.947413	0.001471
33	Cos vs. Cover	0.028267	0.977449	0.001515
32	Cover vs. Jacc	0.028267	0.977449	0.001562
31	Streng vs. SupDif	0.028267	0.977449	0.001613
30	Streng vs. WRACC	0.028267	0.977449	0.001667
29	Brins vs. Cole	0	1	0.001724
28	Brins vs. Conf	0	1	0.001786
27	Brins vs. ExCex	0	1	0.001852
26	Brins vs. GR	0	1	0.001923
25	Brins vs. SeBag	0	1	0.002
24	Brins vs. Zhang	0	1	0.002083
23	Cconf vs. Dep	0	1	0.002174
22	Cconf vs. InfGain	0	1	0.002273
21	Cconf vs. Lift	0	1	0.002381
20	Cole vs. Conf	0	1	0.0025
19	Cole vs. ExCex	0	1	0.002632
18	Cole vs. GR	0	1	0.002778
17	Cole vs. SeBag	0	1	0.002941
16	Cole vs. Zhang	0	1	0.003125
15	Conf vs. ExCex	0	1	0.003333
14	Conf vs. GR	0	1	0.003571
13	Conf vs. SeBag	0	1	0.003846
12	Conf vs. Zhang	0	1	0.004167
11	Cos vs. Jacc	0	1	0.004545
10	Dep vs. InfGain	0	1	0.005
9	Dep vs. Lift	0	1	0.005556
8	ExCex vs. GR	0	1	0.00625
7	ExCex vs. SeBag	0	1	0.007143
6	ExCex vs. Zhang	0	1	0.008333

5	GR vs. SeBag	0	1	0.01
4	GR vs. Zhang	0	1	0.0125
3	InfGain vs. Lift	0	1	0.016667
2	SeBag vs. Zhang	0	1	0.025
1	SupDif vs. WRACC	0	1	0.05

Table 2: P-values Table for $\alpha = 0.05$

Shaffer's procedure rejects those hypotheses that have an unadjusted p-value ≤ 0.000101.

2.2 P-values for $\alpha = 0.10$

i	algorithms	$z = (R_0 - R_i)/SE$	p	Shaffer
496	Lever vs. OddsR	7.000717	0	0.000202
495	Brins vs. Lever	6.812272	0	0.000215
494	Cole vs. Lever	6.812272	0	0.000215
493	Conf vs. Lever	6.812272	0	0.000215
492	ExCex vs. Lever	6.812272	0	0.000215
491	GR vs. Lever	6.812272	0	0.000215
490	Lever vs. SeBag	6.812272	0	0.000215
489	Lever vs. Zhang	6.812272	0	0.000215
488	Cos vs. Lever	6.529605	0	0.000215
487	Jacc vs. Lever	6.529605	0	0.000215
486	Cover vs. Lever	6.501338	0	0.000215
485	Lever vs. Streng	6.162138	0	0.000215
484	Lever vs. SupDif	6.133871	0	0.000215
483	Lever vs. WRACC	6.133871	0	0.000215
482	Lever vs. Sup	5.728716	0	0.000215
481	Lever vs. X2	5.304715	0	0.000215
480	Lever vs. MDisc	5.219915	0	0.000215
479	Klos vs. OddsR	4.993782	0.000001	0.000215
478	Lap vs. Lever	4.94667	0.000001	0.000215
477	Cconf vs. OddsR	4.871293	0.000001	0.000215
476	Dep vs. OddsR	4.871293	0.000001	0.000215
475	InfGain vs. OddsR	4.871293	0.000001	0.000215
474	Lift vs. OddsR	4.871293	0.000001	0.000215
473	Brins vs. Klos	4.805337	0.000002	0.000215
472	Cole vs. Klos	4.805337	0.000002	0.000215
471	Conf vs. Klos	4.805337	0.000002	0.000215
470	ExCex vs. Klos	4.805337	0.000002	0.000215
469	GR vs. Klos	4.805337	0.000002	0.000215
468	Klos vs. SeBag	4.805337	0.000002	0.000215
467	Klos vs. Zhang	4.805337	0.000002	0.000215
466	ColStr vs. OddsR	4.701693	0.000003	0.000215
465	Brins vs. Cconf	4.682848	0.000003	0.000215
464	Brins vs. Dep	4.682848	0.000003	0.000229
463	Brins vs. InfGain	4.682848	0.000003	0.000229
462	Brins vs. Lift	4.682848	0.000003	0.000229
461	Cconf vs. Cole	4.682848	0.000003	0.000229
460	Cconf vs. Conf	4.682848	0.000003	0.000229
459	Cconf vs. ExCex	4.682848	0.000003	0.000229
458	Cconf vs. GR	4.682848	0.000003	0.000229
457	Cconf vs. SeBag	4.682848	0.000003	0.000229
456	Cconf vs. Zhang	4.682848	0.000003	0.000229
455	Cole vs. Dep	4.682848	0.000003	0.000229
454	Cole vs. InfGain	4.682848	0.000003	0.000229
453	Cole vs. Lift	4.682848	0.000003	0.000229
452	Conf vs. Dep	4.682848	0.000003	0.000229
451	Conf vs. InfGain	4.682848	0.000003	0.000229
450	Conf vs. Lift	4.682848	0.000003	0.000229

449	Dep vs. ExCex	4.682848	0.000003	0.000229
448	Dep vs. GR	4.682848	0.000003	0.000229
447	Dep vs. SeBag	4.682848	0.000003	0.000229
446	Dep vs. Zhang	4.682848	0.000003	0.000229
445	ExCex vs. InfGain	4.682848	0.000003	0.000229
444	ExCex vs. Lift	4.682848	0.000003	0.000229
443	GR vs. InfGain	4.682848	0.000003	0.000229
442	GR vs. Lift	4.682848	0.000003	0.000229
441	InfGain vs. SeBag	4.682848	0.000003	0.000229
440	InfGain vs. Zhang	4.682848	0.000003	0.000229
439	Lift vs. SeBag	4.682848	0.000003	0.000229
438	Lift vs. Zhang	4.682848	0.000003	0.000229
437	Lever vs. MultInf	4.550937	0.000005	0.000229
436	Cos vs. Klos	4.52267	0.000006	0.000229
435	Jacc vs. Klos	4.52267	0.000006	0.00023
434	Brins vs. ColStr	4.513248	0.000006	0.000244
433	Cole vs. ColStr	4.513248	0.000006	0.000244
432	ColStr vs. Conf	4.513248	0.000006	0.000244
431	ColStr vs. ExCex	4.513248	0.000006	0.000244
430	ColStr vs. GR	4.513248	0.000006	0.000244
429	ColStr vs. SeBag	4.513248	0.000006	0.000244
428	ColStr vs. Zhang	4.513248	0.000006	0.000244
427	Cover vs. Klos	4.494403	0.000007	0.000244
426	Cconf vs. Cos	4.400181	0.000011	0.000244
425	Cconf vs. Jacc	4.400181	0.000011	0.000244
424	Cos vs. Dep	4.400181	0.000011	0.000244
423	Cos vs. InfGain	4.400181	0.000011	0.000244
422	Cos vs. Lift	4.400181	0.000011	0.000244
421	Dep vs. Jacc	4.400181	0.000011	0.000244
420	InfGain vs. Jacc	4.400181	0.000011	0.000244
419	Jacc vs. Lift	4.400181	0.000011	0.000244
418	Cconf vs. Cover	4.371914	0.000012	0.000244
417	Cover vs. Dep	4.371914	0.000012	0.000244
416	Cover vs. InfGain	4.371914	0.000012	0.000244
415	Cover vs. Lift	4.371914	0.000012	0.000244
414	NetConf vs. OddsR	4.287114	0.000018	0.000244
413	ColStr vs. Cos	4.230581	0.000023	0.000244
412	ColStr vs. Jacc	4.230581	0.000023	0.000244
411	OddsR vs. RelRisk	4.221159	0.000024	0.000244
410	ColStr vs. Cover	4.202314	0.000026	0.000244
409	Klos vs. Streng	4.155203	0.000032	0.000244
408	Klos vs. SupDif	4.126937	0.000037	0.000246
407	Klos vs. WRACC	4.126937	0.000037	0.000246
406	OddsR vs. Spec	4.126937	0.000037	0.000246
405	Brins vs. NetConf	4.09867	0.000042	0.00026
404	Cole vs. NetConf	4.09867	0.000042	0.00026
403	Conf vs. NetConf	4.09867	0.000042	0.00026
402	ExCex vs. NetConf	4.09867	0.000042	0.00026
401	GR vs. NetConf	4.09867	0.000042	0.00026
400	NetConf vs. SeBag	4.09867	0.000042	0.00026

399	NetConf vs. Zhang	4.09867	0.000042	0.00026
398	Brins vs. RelRisk	4.032714	0.000055	0.00026
397	Cconf vs. Streng	4.032714	0.000055	0.00026
396	Cole vs. RelRisk	4.032714	0.000055	0.00026
395	Conf vs. RelRisk	4.032714	0.000055	0.00026
394	Dep vs. Streng	4.032714	0.000055	0.00026
393	ExCex vs. RelRisk	4.032714	0.000055	0.00026
392	GR vs. RelRisk	4.032714	0.000055	0.00026
391	InfGain vs. Streng	4.032714	0.000055	0.00026
390	Lift vs. Streng	4.032714	0.000055	0.00026
389	RelRisk vs. SeBag	4.032714	0.000055	0.00026
388	RelRisk vs. Zhang	4.032714	0.000055	0.00026
387	ACC vs. OddsR	4.023292	0.000057	0.00026
386	Cconf vs. SupDif	4.004448	0.000062	0.00026
385	Cconf vs. WRACC	4.004448	0.000062	0.00026
384	Dep vs. SupDif	4.004448	0.000062	0.00026
383	Dep vs. WRACC	4.004448	0.000062	0.000262
382	InfGain vs. SupDif	4.004448	0.000062	0.000262
381	InfGain vs. WRACC	4.004448	0.000062	0.000262
380	Lift vs. SupDif	4.004448	0.000062	0.000263
379	Lift vs. WRACC	4.004448	0.000062	0.000264
378	Brins vs. Spec	3.938492	0.000082	0.000265
377	Cole vs. Spec	3.938492	0.000082	0.000277
376	Conf vs. Spec	3.938492	0.000082	0.000277
375	ExCex vs. Spec	3.938492	0.000082	0.000277
374	GR vs. Spec	3.938492	0.000082	0.000277
373	SeBag vs. Spec	3.938492	0.000082	0.000277
372	Spec vs. Zhang	3.938492	0.000082	0.000277
371	ColStr vs. Streng	3.863114	0.000112	0.000277
370	Gain vs. OddsR	3.863114	0.000112	0.000277
369	ACC vs. Brins	3.834847	0.000126	0.000277
368	ACC vs. Cole	3.834847	0.000126	0.000277
367	ACC vs. Conf	3.834847	0.000126	0.000277
366	ACC vs. ExCex	3.834847	0.000126	0.000277
365	ACC vs. GR	3.834847	0.000126	0.000277
364	ACC vs. SeBag	3.834847	0.000126	0.000277
363	ACC vs. Zhang	3.834847	0.000126	0.000277
362	ColStr vs. SupDif	3.834847	0.000126	0.000277
361	ColStr vs. WRACC	3.834847	0.000126	0.000277
360	Cos vs. NetConf	3.816003	0.000136	0.00028
359	Jacc vs. NetConf	3.816003	0.000136	0.00028
358	Lever vs. Pearson	3.816003	0.000136	0.00028
357	Cover vs. NetConf	3.787736	0.000152	0.00028
356	Cos vs. RelRisk	3.750047	0.000177	0.000282
355	Jacc vs. RelRisk	3.750047	0.000177	0.000282
354	Cover vs. RelRisk	3.721781	0.000198	0.000282
353	Klos vs. Sup	3.721781	0.000198	0.000283
352	Brins vs. Gain	3.67467	0.000238	0.000284
351	Cole vs. Gain	3.67467	0.000238	0.000285
350	Conf vs. Gain	3.67467	0.000238	0.000294

349	ExCex vs. Gain	3.67467	0.000238	0.000294
348	Gain vs. GR	3.67467	0.000238	0.000294
347	Gain vs. SeBag	3.67467	0.000238	0.000294
346	Gain vs. Zhang	3.67467	0.000238	0.000294
345	Cos vs. Spec	3.655825	0.000256	0.000294
344	Jacc vs. Spec	3.655825	0.000256	0.000294
343	Cover vs. Spec	3.627558	0.000286	0.000294
342	Cconf vs. Sup	3.599292	0.000319	0.000294
341	Dep vs. Sup	3.599292	0.000319	0.000294
340	InfGain vs. Sup	3.599292	0.000319	0.000294
339	Lift vs. Sup	3.599292	0.000319	0.000295
338	ACC vs. Cos	3.552181	0.000382	0.000296
337	ACC vs. Jacc	3.552181	0.000382	0.000297
336	ACC vs. Cover	3.523914	0.000425	0.000298
335	NetConf vs. Streng	3.448536	0.000564	0.000299
334	ColStr vs. Sup	3.429692	0.000604	0.000299
333	NetConf vs. SupDif	3.420269	0.000626	0.0003
332	NetConf vs. WRACC	3.420269	0.000626	0.000301
331	Cos vs. Gain	3.392003	0.000694	0.000302
330	Gain vs. Jacc	3.392003	0.000694	0.000303
329	RelRisk vs. Streng	3.38258	0.000718	0.000304
328	Cover vs. Gain	3.363736	0.000769	0.000305
327	RelRisk vs. SupDif	3.354314	0.000796	0.000306
326	RelRisk vs. WRACC	3.354314	0.000796	0.000307
325	Klos vs. X2	3.29778	0.000975	0.000308
324	Spec vs. Streng	3.288358	0.001008	0.000309
323	Spec vs. SupDif	3.260091	0.001114	0.00031
322	Spec vs. WRACC	3.260091	0.001114	0.000311
321	Klos vs. MDisc	3.21298	0.001314	0.000312
320	ACC vs. Streng	3.184714	0.001449	0.000312
319	OddsR vs. Pearson	3.184714	0.001449	0.000313
318	Cconf vs. X2	3.175291	0.001497	0.000314
317	Dep vs. X2	3.175291	0.001497	0.000315
316	InfGain vs. X2	3.175291	0.001497	0.000316
315	Lift vs. X2	3.175291	0.001497	0.000317
314	ACC vs. SupDif	3.156447	0.001597	0.000318
313	ACC vs. WRACC	3.156447	0.001597	0.000319
312	Gain vs. Lever	3.137602	0.001703	0.000321
311	Cconf vs. MDisc	3.090491	0.001998	0.000322
310	Dep vs. MDisc	3.090491	0.001998	0.000323
309	InfGain vs. MDisc	3.090491	0.001998	0.000324
308	Lift vs. MDisc	3.090491	0.001998	0.000325
307	Gain vs. Streng	3.024536	0.00249	0.000326
306	NetConf vs. Sup	3.015113	0.002569	0.000327
305	ColStr vs. X2	3.005691	0.00265	0.000328
304	Brins vs. Pearson	2.996269	0.002733	0.000329
303	Cole vs. Pearson	2.996269	0.002733	0.00033
302	Conf vs. Pearson	2.996269	0.002733	0.000331
301	ExCex vs. Pearson	2.996269	0.002733	0.000332
300	Gain vs. SupDif	2.996269	0.002733	0.000333

299	Gain vs. WRACC	2.996269	0.002733	0.000334
298	GR vs. Pearson	2.996269	0.002733	0.000336
297	Pearson vs. SeBag	2.996269	0.002733	0.000337
296	Pearson vs. Zhang	2.996269	0.002733	0.000338
295	ACC vs. Lever	2.977425	0.002907	0.000339
294	RelRisk vs. Sup	2.949158	0.003186	0.00034
293	Klos vs. Lap	2.939736	0.003285	0.000341
292	ColStr vs. MDisc	2.920891	0.00349	0.000342
291	Lever vs. Spec	2.87378	0.004056	0.000344
290	Spec vs. Sup	2.854936	0.004305	0.000345
289	Cconf vs. Lap	2.817247	0.004844	0.000346
288	Dep vs. Lap	2.817247	0.004844	0.000347
287	InfGain vs. Lap	2.817247	0.004844	0.000348
286	Lap vs. Lift	2.817247	0.004844	0.00035
285	Lever vs. RelRisk	2.779558	0.005443	0.000351
284	ACC vs. Sup	2.751291	0.005936	0.000352
283	Cos vs. Pearson	2.713602	0.006656	0.000353
282	Jacc vs. Pearson	2.713602	0.006656	0.000355
281	Lever vs. NetConf	2.713602	0.006656	0.000356
280	Cover vs. Pearson	2.685335	0.007246	0.000357
279	ColStr vs. Lap	2.647646	0.008105	0.000358
278	Gain vs. Sup	2.591113	0.009567	0.00036
277	NetConf vs. X2	2.591113	0.009567	0.000361
276	Klos vs. MultInf	2.544002	0.010959	0.000362
275	RelRisk vs. X2	2.525158	0.011565	0.000364
274	MDisc vs. NetConf	2.506313	0.0122	0.000365
273	MultInf vs. OddsR	2.44978	0.014294	0.000366
272	MDisc vs. RelRisk	2.440357	0.014673	0.000368
271	Spec vs. X2	2.430935	0.01506	0.000369
270	Cconf vs. MultInf	2.421513	0.015456	0.00037
269	Dep vs. MultInf	2.421513	0.015456	0.000372
268	InfGain vs. MultInf	2.421513	0.015456	0.000373
267	Lift vs. MultInf	2.421513	0.015456	0.000375
266	MDisc vs. Spec	2.346135	0.018969	0.000376
265	Pearson vs. Streng	2.346135	0.018969	0.000377
264	ACC vs. X2	2.327291	0.01995	0.000379
263	Pearson vs. SupDif	2.317868	0.020456	0.00038
262	Pearson vs. WRACC	2.317868	0.020456	0.000382
261	ColStr vs. Lever	2.299024	0.021504	0.000383
260	Brins vs. MultInf	2.261335	0.023739	0.000385
259	Cole vs. MultInf	2.261335	0.023739	0.000386
258	Conf vs. MultInf	2.261335	0.023739	0.000388
257	ExCex vs. MultInf	2.261335	0.023739	0.000389
256	GR vs. MultInf	2.261335	0.023739	0.000391
255	MultInf vs. SeBag	2.261335	0.023739	0.000392
254	MultInf vs. Zhang	2.261335	0.023739	0.000394
253	ColStr vs. MultInf	2.251913	0.024328	0.000395
252	ACC vs. MDisc	2.242491	0.02493	0.000397
251	Lap vs. NetConf	2.233068	0.025544	0.000398
250	Gain vs. X2	2.167113	0.030226	0.0004

249	Lap vs. RelRisk	2.167113	0.030226	0.000402
248	Cconf vs. Lever	2.129424	0.033219	0.000403
247	Dep vs. Lever	2.129424	0.033219	0.000405
246	InfGain vs. Lever	2.129424	0.033219	0.000407
245	Lever vs. Lift	2.129424	0.033219	0.000408
244	Gain vs. MDisc	2.082313	0.037314	0.00041
243	Lap vs. Spec	2.07289	0.038182	0.000412
242	Lap vs. OddsR	2.054046	0.039971	0.000413
241	Klos vs. Lever	2.006935	0.044757	0.000415
240	Cos vs. MultInf	1.978668	0.047853	0.000417
239	Jacc vs. MultInf	1.978668	0.047853	0.000418
238	ACC vs. Lap	1.969246	0.048925	0.00042
237	Cover vs. MultInf	1.950402	0.051128	0.000422
236	Pearson vs. Sup	1.912713	0.055785	0.000424
235	Brins vs. Lap	1.865601	0.062097	0.000426
234	Cole vs. Lap	1.865601	0.062097	0.000427
233	Conf vs. Lap	1.865601	0.062097	0.000429
232	ExCex vs. Lap	1.865601	0.062097	0.000431
231	GR vs. Lap	1.865601	0.062097	0.000433
230	Lap vs. SeBag	1.865601	0.062097	0.000435
229	Lap vs. Zhang	1.865601	0.062097	0.000437
228	MultInf vs. NetConf	1.837335	0.06616	0.000439
227	Gain vs. Lap	1.809068	0.07044	0.000441
226	Klos vs. Pearson	1.809068	0.07044	0.000442
225	MDisc vs. OddsR	1.780801	0.074945	0.000444
224	MultInf vs. RelRisk	1.771379	0.076498	0.000446
223	OddsR vs. X2	1.696001	0.089886	0.000448
222	Cconf vs. Pearson	1.686579	0.091684	0.00045
221	Dep vs. Pearson	1.686579	0.091684	0.000452
220	InfGain vs. Pearson	1.686579	0.091684	0.000455
219	Lift vs. Pearson	1.686579	0.091684	0.000457
218	MultInf vs. Spec	1.677157	0.093512	0.000459
217	MultInf vs. Streng	1.611201	0.107136	0.000461
216	Brins vs. MDisc	1.592357	0.111305	0.000463
215	Cole vs. MDisc	1.592357	0.111305	0.000465
214	Conf vs. MDisc	1.592357	0.111305	0.000467
213	ExCex vs. MDisc	1.592357	0.111305	0.000469
212	GR vs. MDisc	1.592357	0.111305	0.000472
211	MDisc vs. SeBag	1.592357	0.111305	0.000474
210	MDisc vs. Zhang	1.592357	0.111305	0.000476
209	Cos vs. Lap	1.582935	0.113436	0.000478
208	Jacc vs. Lap	1.582935	0.113436	0.000481
207	MultInf vs. SupDif	1.582935	0.113436	0.000483
206	MultInf vs. WRACC	1.582935	0.113436	0.000485
205	ACC vs. MultInf	1.573512	0.1156	0.000488
204	Cover vs. Lap	1.554668	0.120025	0.00049
203	ColStr vs. Pearson	1.516979	0.129272	0.000493
202	Brins vs. X2	1.507557	0.131668	0.000495
201	Cole vs. X2	1.507557	0.131668	0.000498
200	Conf vs. X2	1.507557	0.131668	0.0005

199	ExCex vs. X2	1.507557	0.131668	0.000503
198	GR vs. X2	1.507557	0.131668	0.000505
197	SeBag vs. X2	1.507557	0.131668	0.000508
196	X2 vs. Zhang	1.507557	0.131668	0.00051
195	Pearson vs. X2	1.488712	0.136563	0.000513
194	Gain vs. MultInf	1.413334	0.157557	0.000515
193	MDisc vs. Pearson	1.403912	0.160345	0.000518
192	Cos vs. MDisc	1.30969	0.190301	0.000521
191	Jacc vs. MDisc	1.30969	0.190301	0.000524
190	Cover vs. MDisc	1.281423	0.200045	0.000526
189	OddsR vs. Sup	1.272001	0.203373	0.000529
188	Cos vs. X2	1.22489	0.220617	0.000532
187	Jacc vs. X2	1.22489	0.220617	0.000535
186	Lap vs. Streng	1.215468	0.224188	0.000538
185	Cover vs. X2	1.196623	0.231453	0.000541
184	Lap vs. SupDif	1.187201	0.235148	0.000543
183	Lap vs. WRACC	1.187201	0.235148	0.000546
182	MultInf vs. Sup	1.177779	0.238885	0.000549
181	Gain vs. Klos	1.130668	0.258195	0.000552
180	Lap vs. Pearson	1.130668	0.258195	0.000556
179	NetConf vs. Pearson	1.102401	0.270287	0.000559
178	Brins vs. Sup	1.083556	0.278562	0.000562
177	Cole vs. Sup	1.083556	0.278562	0.000565
176	Conf vs. Sup	1.083556	0.278562	0.000568
175	ExCex vs. Sup	1.083556	0.278562	0.000571
174	GR vs. Sup	1.083556	0.278562	0.000575
173	SeBag vs. Sup	1.083556	0.278562	0.000578
172	Sup vs. Zhang	1.083556	0.278562	0.000581
171	Pearson vs. RelRisk	1.036445	0.299994	0.000585
170	Cconf vs. Gain	1.008179	0.313369	0.000588
169	Dep vs. Gain	1.008179	0.313369	0.000592
168	Gain vs. InfGain	1.008179	0.313369	0.000595
167	Gain vs. Lift	1.008179	0.313369	0.000599
166	ACC vs. Klos	0.97049	0.331802	0.000602
165	MDisc vs. Streng	0.942223	0.346079	0.000606
164	Pearson vs. Spec	0.942223	0.346079	0.00061
163	MDisc vs. SupDif	0.913956	0.36074	0.000613
162	MDisc vs. WRACC	0.913956	0.36074	0.000617
161	Klos vs. Spec	0.866845	0.386027	0.000621
160	OddsR vs. SupDif	0.866845	0.386027	0.000625
159	OddsR vs. WRACC	0.866845	0.386027	0.000629
158	Streng vs. X2	0.857423	0.391211	0.000633
157	ACC vs. Cconf	0.848001	0.396438	0.000637
156	ACC vs. Dep	0.848001	0.396438	0.000641
155	ACC vs. InfGain	0.848001	0.396438	0.000645
154	ACC vs. Lift	0.848001	0.396438	0.000649
153	ACC vs. Pearson	0.838578	0.401706	0.000654
152	ColStr vs. Gain	0.838578	0.401706	0.000658
151	OddsR vs. Streng	0.838578	0.401706	0.000662
150	SupDif vs. X2	0.829156	0.407016	0.000667

149	WRACC vs. X2	0.829156	0.407016	0.000671
148	Cos vs. Sup	0.80089	0.423196	0.000676
147	Jacc vs. Sup	0.80089	0.423196	0.00068
146	Lap vs. Sup	0.782045	0.434188	0.000685
145	Cover vs. Sup	0.772623	0.439746	0.00069
144	Klos vs. RelRisk	0.772623	0.439746	0.000694
143	MultInf vs. X2	0.753778	0.450982	0.000699
142	Cconf vs. Spec	0.744356	0.456661	0.000704
141	Dep vs. Spec	0.744356	0.456661	0.000709
140	InfGain vs. Spec	0.744356	0.456661	0.000714
139	Lift vs. Spec	0.744356	0.456661	0.000719
138	MultInf vs. Pearson	0.734934	0.46238	0.000725
137	Klos vs. NetConf	0.706667	0.479773	0.00073
136	ACC vs. ColStr	0.678401	0.497518	0.000735
135	Brins vs. SupDif	0.678401	0.497518	0.000741
134	Brins vs. WRACC	0.678401	0.497518	0.000746
133	Cole vs. SupDif	0.678401	0.497518	0.000752
132	Cole vs. WRACC	0.678401	0.497518	0.000758
131	Conf vs. SupDif	0.678401	0.497518	0.000763
130	Conf vs. WRACC	0.678401	0.497518	0.000769
129	ExCex vs. SupDif	0.678401	0.497518	0.000775
128	ExCex vs. WRACC	0.678401	0.497518	0.000781
127	Gain vs. Pearson	0.678401	0.497518	0.000787
126	GR vs. SupDif	0.678401	0.497518	0.000794
125	GR vs. WRACC	0.678401	0.497518	0.0008
124	SeBag vs. SupDif	0.678401	0.497518	0.000806
123	SeBag vs. WRACC	0.678401	0.497518	0.000813
122	SupDif vs. Zhang	0.678401	0.497518	0.00082
121	WRACC vs. Zhang	0.678401	0.497518	0.000826
120	MDisc vs. MultInf	0.668978	0.503509	0.000833
119	Brins vs. Streng	0.650134	0.515606	0.00084
118	Cconf vs. RelRisk	0.650134	0.515606	0.000847
117	Cole vs. Streng	0.650134	0.515606	0.000855
116	Conf vs. Streng	0.650134	0.515606	0.000862
115	Dep vs. RelRisk	0.650134	0.515606	0.00087
114	ExCex vs. Streng	0.650134	0.515606	0.000877
113	GR vs. Streng	0.650134	0.515606	0.000885
112	InfGain vs. RelRisk	0.650134	0.515606	0.000893
111	Lift vs. RelRisk	0.650134	0.515606	0.000901
110	SeBag vs. Streng	0.650134	0.515606	0.000909
109	Streng vs. Zhang	0.650134	0.515606	0.000917
108	Cconf vs. NetConf	0.584178	0.5591	0.000926
107	Dep vs. NetConf	0.584178	0.5591	0.000935
106	InfGain vs. NetConf	0.584178	0.5591	0.000943
105	Lift vs. NetConf	0.584178	0.5591	0.000952
104	ColStr vs. Spec	0.574756	0.565456	0.000962
103	MDisc vs. Sup	0.5088	0.610892	0.000971
102	Cover vs. OddsR	0.499378	0.617513	0.00098
101	ColStr vs. RelRisk	0.480534	0.630848	0.00099
100	Cos vs. OddsR	0.471111	0.637561	0.001

99	Jacc vs. OddsR	0.471111	0.637561	0.00101
98	Streng vs. Sup	0.433423	0.664708	0.00102
97	Gain vs. NetConf	0.424	0.671566	0.001031
96	Sup vs. X2	0.424	0.671566	0.001042
95	ColStr vs. NetConf	0.414578	0.678451	0.001053
94	Sup vs. SupDif	0.405156	0.685363	0.001064
93	Sup vs. WRACC	0.405156	0.685363	0.001075
92	Cos vs. SupDif	0.395734	0.692302	0.001087
91	Cos vs. WRACC	0.395734	0.692302	0.001099
90	Jacc vs. SupDif	0.395734	0.692302	0.001111
89	Jacc vs. WRACC	0.395734	0.692302	0.001124
88	Lap vs. MultInf	0.395734	0.692302	0.001136
87	Cos vs. Streng	0.367467	0.713271	0.001149
86	Cover vs. SupDif	0.367467	0.713271	0.001163
85	Cover vs. WRACC	0.367467	0.713271	0.001176
84	Jacc vs. Streng	0.367467	0.713271	0.00119
83	Gain vs. RelRisk	0.358045	0.72031	0.001205
82	Lap vs. X2	0.358045	0.72031	0.00122
81	Cover vs. Streng	0.3392	0.734459	0.001235
80	Brins vs. Cover	0.310934	0.755851	0.00125
79	Cole vs. Cover	0.310934	0.755851	0.001266
78	Conf vs. Cover	0.310934	0.755851	0.001282
77	Cover vs. ExCex	0.310934	0.755851	0.001299
76	Cover vs. GR	0.310934	0.755851	0.001316
75	Cover vs. SeBag	0.310934	0.755851	0.001333
74	Cover vs. Zhang	0.310934	0.755851	0.001351
73	ColStr vs. Klos	0.292089	0.770218	0.00137
72	Brins vs. Cos	0.282667	0.777432	0.001389
71	Brins vs. Jacc	0.282667	0.777432	0.001408
70	Cole vs. Cos	0.282667	0.777432	0.001429
69	Cole vs. Jacc	0.282667	0.777432	0.001449
68	Conf vs. Cos	0.282667	0.777432	0.001471
67	Conf vs. Jacc	0.282667	0.777432	0.001493
66	Cos vs. ExCex	0.282667	0.777432	0.001515
65	Cos vs. GR	0.282667	0.777432	0.001538
64	Cos vs. SeBag	0.282667	0.777432	0.001562
63	Cos vs. Zhang	0.282667	0.777432	0.001587
62	ExCex vs. Jacc	0.282667	0.777432	0.001613
61	GR vs. Jacc	0.282667	0.777432	0.001639
60	Jacc vs. SeBag	0.282667	0.777432	0.001667
59	Jacc vs. Zhang	0.282667	0.777432	0.001695
58	Lap vs. MDisc	0.273245	0.784665	0.001724
57	ACC vs. NetConf	0.263822	0.791917	0.001754
56	Gain vs. Spec	0.263822	0.791917	0.001786
55	ACC vs. RelRisk	0.197867	0.843149	0.001818
54	Brins vs. OddsR	0.188445	0.850528	0.001852
53	Cole vs. OddsR	0.188445	0.850528	0.001887
52	Conf vs. OddsR	0.188445	0.850528	0.001923
51	ExCex vs. OddsR	0.188445	0.850528	0.001961
50	GR vs. OddsR	0.188445	0.850528	0.002

49	OddsR vs. SeBag	0.188445	0.850528	0.002041
48	OddsR vs. Zhang	0.188445	0.850528	0.002083
47	Cconf vs. ColStr	0.1696	0.865325	0.002128
46	ColStr vs. Dep	0.1696	0.865325	0.002174
45	ColStr vs. InfGain	0.1696	0.865325	0.002222
44	ColStr vs. Lift	0.1696	0.865325	0.002273
43	ACC vs. Gain	0.160178	0.872741	0.002326
42	NetConf vs. Spec	0.160178	0.872741	0.002381
41	Cconf vs. Klos	0.122489	0.902512	0.002439
40	Dep vs. Klos	0.122489	0.902512	0.0025
39	InfGain vs. Klos	0.122489	0.902512	0.002564
38	Klos vs. Lift	0.122489	0.902512	0.002632
37	ACC vs. Spec	0.103645	0.917451	0.002703
36	RelRisk vs. Spec	0.094222	0.924933	0.002778
35	MDisc vs. X2	0.0848	0.93242	0.002857
34	NetConf vs. RelRisk	0.065956	0.947413	0.002941
33	Cos vs. Cover	0.028267	0.977449	0.00303
32	Cover vs. Jacc	0.028267	0.977449	0.003125
31	Streng vs. SupDif	0.028267	0.977449	0.003226
30	Streng vs. WRACC	0.028267	0.977449	0.003333
29	Brins vs. Cole	0	1	0.003448
28	Brins vs. Conf	0	1	0.003571
27	Brins vs. ExCex	0	1	0.003704
26	Brins vs. GR	0	1	0.003846
25	Brins vs. SeBag	0	1	0.004
24	Brins vs. Zhang	0	1	0.004167
23	Cconf vs. Dep	0	1	0.004348
22	Cconf vs. InfGain	0	1	0.004545
21	Cconf vs. Lift	0	1	0.004762
20	Cole vs. Conf	0	1	0.005
19	Cole vs. ExCex	0	1	0.005263
18	Cole vs. GR	0	1	0.005556
17	Cole vs. SeBag	0	1	0.005882
16	Cole vs. Zhang	0	1	0.00625
15	Conf vs. ExCex	0	1	0.006667
14	Conf vs. GR	0	1	0.007143
13	Conf vs. SeBag	0	1	0.007692
12	Conf vs. Zhang	0	1	0.008333
11	Cos vs. Jacc	0	1	0.009091
10	Dep vs. InfGain	0	1	0.01
9	Dep vs. Lift	0	1	0.011111
8	ExCex vs. GR	0	1	0.0125
7	ExCex vs. SeBag	0	1	0.014286
6	ExCex vs. Zhang	0	1	0.016667
5	GR vs. SeBag	0	1	0.02
4	GR vs. Zhang	0	1	0.025
3	InfGain vs. Lift	0	1	0.033333
2	SeBag vs. Zhang	0	1	0.05
1	SupDif vs. WRACC	0	1	0.1

Table 3: P-values Table for $\alpha = 0.10$

Shaffer's procedure rejects those hypotheses that have an unadjusted p-value ≤ 0.000202.

2.3 Adjusted p-values

i	hypothesis	unadjusted p	p_{Shaf}
1	Lever vs .OddsR	0	0
2	Brins vs .Lever	0	0
3	Cole vs .Lever	0	0
4	Conf vs .Lever	0	0
5	ExCex vs .Lever	0	0
6	GR vs .Lever	0	0
7	Lever vs .SeBag	0	0
8	Lever vs .Zhang	0	0
9	Cos vs .Lever	0	0
10	Jacc vs .Lever	0	0
11	Cover vs .Lever	0	0
12	Lever vs .Streng	0	0
13	Lever vs .SupDif	0	0
14	Lever vs .WRACC	0	0
15	Lever vs .Sup	0	0.000005
16	Lever vs .X2	0	0.000052
17	Lever vs .MDisc	0	0.000083
18	Klos vs .OddsR	0.000001	0.000275
19	Lap vs .Lever	0.000001	0.000351
20	Cconf vs .OddsR	0.000001	0.000516
21	Dep vs .OddsR	0.000001	0.000516
22	InfGain vs .OddsR	0.000001	0.000516
23	Lift vs .OddsR	0.000001	0.000516
24	Brins vs .Klos	0.000002	0.000718
25	Cole vs .Klos	0.000002	0.000718
26	Conf vs .Klos	0.000002	0.000718
27	ExCex vs .Klos	0.000002	0.000718
28	GR vs .Klos	0.000002	0.000718
29	Klos vs .SeBag	0.000002	0.000718
30	Klos vs .Zhang	0.000002	0.000718
31	ColStr vs .OddsR	0.000003	0.0012
32	Brins vs .Cconf	0.000003	0.001316
33	Brins vs .Dep	0.000003	0.001316
34	Brins vs .InfGain	0.000003	0.001316
35	Brins vs .Lift	0.000003	0.001316
36	Cconf vs .Cole	0.000003	0.001316
37	Cconf vs .Conf	0.000003	0.001316
38	Cconf vs .ExCex	0.000003	0.001316
39	Cconf vs .GR	0.000003	0.001316
40	Cconf vs .SeBag	0.000003	0.001316
41	Cconf vs .Zhang	0.000003	0.001316
42	Cole vs .Dep	0.000003	0.001316
43	Cole vs .InfGain	0.000003	0.001316
44	Cole vs .Lift	0.000003	0.001316
45	Conf vs .Dep	0.000003	0.001316
46	Conf vs .InfGain	0.000003	0.001316

47	Conf vs .Lift	0.000003	0.001316
48	Dep vs .ExCex	0.000003	0.001316
49	Dep vs .GR	0.000003	0.001316
50	Dep vs .SeBag	0.000003	0.001316
51	Dep vs .Zhang	0.000003	0.001316
52	ExCex vs .InfGain	0.000003	0.001316
53	ExCex vs .Lift	0.000003	0.001316
54	GR vs .InfGain	0.000003	0.001316
55	GR vs .Lift	0.000003	0.001316
56	InfGain vs .SeBag	0.000003	0.001316
57	InfGain vs .Zhang	0.000003	0.001316
58	Lift vs .SeBag	0.000003	0.001316
59	Lift vs .Zhang	0.000003	0.001316
60	Lever vs .MultInf	0.000005	0.002329
61	Cos vs .Klos	0.000006	0.002662
62	Jacc vs .Klos	0.000006	0.002662
63	Brins vs .ColStr	0.000006	0.002662
64	Cole vs .ColStr	0.000006	0.002662
65	ColStr vs .Conf	0.000006	0.002662
66	ColStr vs .ExCex	0.000006	0.002662
67	ColStr vs .GR	0.000006	0.002662
68	ColStr vs .SeBag	0.000006	0.002662
69	ColStr vs .Zhang	0.000006	0.002662
70	Cover vs .Klos	0.000007	0.002853
71	Cconf vs .Cos	0.000011	0.004424
72	Cconf vs .Jacc	0.000011	0.004424
73	Cos vs .Dep	0.000011	0.004424
74	Cos vs .InfGain	0.000011	0.004424
75	Cos vs .Lift	0.000011	0.004424
76	Dep vs .Jacc	0.000011	0.004424
77	InfGain vs .Jacc	0.000011	0.004424
78	Jacc vs .Lift	0.000011	0.004424
79	Cconf vs .Cover	0.000012	0.005037
80	Cover vs .Dep	0.000012	0.005037
81	Cover vs .InfGain	0.000012	0.005037
82	Cover vs .Lift	0.000012	0.005037
83	NetConf vs .OddsR	0.000018	0.007403
84	ColStr vs .Cos	0.000023	0.009533
85	ColStr vs .Jacc	0.000023	0.009533
86	OddsR vs .RelRisk	0.000024	0.009941
87	ColStr vs .Cover	0.000026	0.010806
88	Klos vs .Streng	0.000032	0.013292
89	Klos vs .SupDif	0.000037	0.014962
90	Klos vs .WRACC	0.000037	0.014962
91	OddsR vs .Spec	0.000037	0.014962
92	Brins vs .NetConf	0.000042	0.015956
93	Cole vs .NetConf	0.000042	0.015956
94	Conf vs .NetConf	0.000042	0.015956
95	ExCex vs .NetConf	0.000042	0.015956
96	GR vs .NetConf	0.000042	0.015956

97	NetConf vs .SeBag	0.000042	0.015956
98	NetConf vs .Zhang	0.000042	0.015956
99	Brins vs .RelRisk	0.000055	0.021172
100	Cconf vs .Streng	0.000055	0.021172
101	Cole vs .RelRisk	0.000055	0.021172
102	Conf vs .RelRisk	0.000055	0.021172
103	Dep vs .Streng	0.000055	0.021172
104	ExCex vs .RelRisk	0.000055	0.021172
105	GR vs .RelRisk	0.000055	0.021172
106	InfGain vs .Streng	0.000055	0.021172
107	Lift vs .Streng	0.000055	0.021172
108	RelRisk vs .SeBag	0.000055	0.021172
109	RelRisk vs .Zhang	0.000055	0.021172
110	ACC vs .OddsR	0.000057	0.022038
111	Cconf vs .SupDif	0.000062	0.02387
112	Cconf vs .WRACC	0.000062	0.02387
113	Dep vs .SupDif	0.000062	0.02387
114	Dep vs .WRACC	0.000062	0.02387
115	InfGain vs .SupDif	0.000062	0.02387
116	InfGain vs .WRACC	0.000062	0.02387
117	Lift vs .SupDif	0.000062	0.02387
118	Lift vs .WRACC	0.000062	0.02387
119	Brins vs .Spec	0.000082	0.030994
120	Cole vs .Spec	0.000082	0.030994
121	Conf vs .Spec	0.000082	0.030994
122	ExCex vs .Spec	0.000082	0.030994
123	GR vs .Spec	0.000082	0.030994
124	SeBag vs .Spec	0.000082	0.030994
125	Spec vs .Zhang	0.000082	0.030994
126	ColStr vs .Streng	0.000112	0.040414
127	Gain vs .OddsR	0.000112	0.040414
128	ACC vs .Brins	0.000126	0.045357
129	ACC vs .Cole	0.000126	0.045357
130	ACC vs .Conf	0.000126	0.045357
131	ACC vs .ExCex	0.000126	0.045357
132	ACC vs .GR	0.000126	0.045357
133	ACC vs .SeBag	0.000126	0.045357
134	ACC vs .Zhang	0.000126	0.045357
135	ColStr vs .SupDif	0.000126	0.045357
136	ColStr vs .WRACC	0.000126	0.045357
137	Cos vs .NetConf	0.000136	0.04842
138	Jacc vs .NetConf	0.000136	0.04842
139	Lever vs .Pearson	0.000136	0.04842
140	Cover vs .NetConf	0.000152	0.054273
141	Cos vs .RelRisk	0.000177	0.062764
142	Jacc vs .RelRisk	0.000177	0.062764
143	Cover vs .RelRisk	0.000198	0.070029
144	Klos vs .Sup	0.000198	0.070029
145	Brins vs .Gain	0.000238	0.083831
146	Cole vs .Gain	0.000238	0.083831

147	Conf vs .Gain	0.000238	0.083831
148	ExCex vs .Gain	0.000238	0.083831
149	Gain vs .GR	0.000238	0.083831
150	Gain vs .SeBag	0.000238	0.083831
151	Gain vs .Zhang	0.000238	0.083831
152	Cos vs .Spec	0.000256	0.087161
153	Jacc vs .Spec	0.000256	0.087161
154	Cover vs .Spec	0.000286	0.097279
155	Cconf vs .Sup	0.000319	0.108489
156	Dep vs .Sup	0.000319	0.108489
157	InfGain vs .Sup	0.000319	0.108489
158	Lift vs .Sup	0.000319	0.108489
159	ACC vs .Cos	0.000382	0.127988
160	ACC vs .Jacc	0.000382	0.127988
161	ACC vs .Cover	0.000425	0.14245
162	NetConf vs .Streng	0.000564	0.188817
163	ColStr vs .Sup	0.000604	0.200617
164	NetConf vs .SupDif	0.000626	0.207696
165	NetConf vs .WRACC	0.000626	0.207696
166	Cos vs .Gain	0.000694	0.22966
167	Gain vs .Jacc	0.000694	0.22966
168	RelRisk vs .Streng	0.000718	0.236249
169	Cover vs .Gain	0.000769	0.252216
170	RelRisk vs .SupDif	0.000796	0.260168
171	RelRisk vs .WRACC	0.000796	0.260168
172	Klos vs .X2	0.000975	0.31672
173	Spec vs .Streng	0.001008	0.323483
174	Spec vs .SupDif	0.001114	0.357518
175	Spec vs .WRACC	0.001114	0.357518
176	Klos vs .MDisc	0.001314	0.421683
177	ACC vs .Streng	0.001449	0.456427
178	OddsR vs .Pearson	0.001449	0.456427
179	Cconf vs .X2	0.001497	0.471511
180	Dep vs .X2	0.001497	0.471511
181	InfGain vs .X2	0.001497	0.471511
182	Lift vs .X2	0.001497	0.471511
183	ACC vs .SupDif	0.001597	0.496679
184	ACC vs .WRACC	0.001597	0.496679
185	Gain vs .Lever	0.001703	0.529744
186	Cconf vs .MDisc	0.001998	0.621458
187	Dep vs .MDisc	0.001998	0.621458
188	InfGain vs .MDisc	0.001998	0.621458
189	Lift vs .MDisc	0.001998	0.621458
190	Gain vs .Streng	0.00249	0.764476
191	NetConf vs .Sup	0.002569	0.786062
192	ColStr vs .X2	0.00265	0.808183
193	Brins vs .Pearson	0.002733	0.830848
194	Cole vs .Pearson	0.002733	0.830848
195	Conf vs .Pearson	0.002733	0.830848
196	ExCex vs .Pearson	0.002733	0.830848

197	Gain vs .SupDif	0.002733	0.830848
198	Gain vs .WRACC	0.002733	0.830848
199	GR vs .Pearson	0.002733	0.830848
200	Pearson vs .SeBag	0.002733	0.830848
201	Pearson vs .Zhang	0.002733	0.830848
202	ACC vs .Lever	0.002907	0.848789
203	RelRisk vs .Sup	0.003186	0.930432
204	Klos vs .Lap	0.003285	0.959198
205	ColStr vs .MDisc	0.00349	1.019173
206	Lever vs .Spec	0.004056	1.180271
207	Spec vs .Sup	0.004305	1.244017
208	Cconf vs .Lap	0.004844	1.399838
209	Dep vs .Lap	0.004844	1.399838
210	InfGain vs .Lap	0.004844	1.399838
211	Lap vs .Lift	0.004844	1.399838
212	Lever vs .RelRisk	0.005443	1.55134
213	ACC vs .Sup	0.005936	1.685849
214	Cos vs .Pearson	0.006656	1.883536
215	Jacc vs .Pearson	0.006656	1.883536
216	Lever vs .NetConf	0.006656	1.883536
217	Cover vs .Pearson	0.007246	2.028797
218	ColStr vs .Lap	0.008105	2.261413
219	Gain vs .Sup	0.009567	2.659516
220	NetConf vs .X2	0.009567	2.659516
221	Klos vs .MultInf	0.010959	3.024697
222	RelRisk vs .X2	0.011565	3.180277
223	MDisc vs .NetConf	0.0122	3.342733
224	MultInf vs .OddsR	0.014294	3.873773
225	MDisc vs .RelRisk	0.014673	3.976311
226	Spec vs .X2	0.01506	4.081235
227	Cconf vs .MultInf	0.015456	4.157677
228	Dep vs .MultInf	0.015456	4.157677
229	InfGain vs .MultInf	0.015456	4.157677
230	Lift vs .MultInf	0.015456	4.157677
231	MDisc vs .Spec	0.018969	5.045815
232	Pearson vs .Streng	0.018969	5.045815
233	ACC vs .X2	0.01995	5.266747
234	Pearson vs .SupDif	0.020456	5.380052
235	Pearson vs .WRACC	0.020456	5.380052
236	ColStr vs .Lever	0.021504	5.612433
237	Brins vs .MultInf	0.023739	6.172014
238	Cole vs .MultInf	0.023739	6.172014
239	Conf vs .MultInf	0.023739	6.172014
240	ExCex vs .MultInf	0.023739	6.172014
241	GR vs .MultInf	0.023739	6.172014
242	MultInf vs .SeBag	0.023739	6.172014
243	MultInf vs .Zhang	0.023739	6.172014
244	ColStr vs .MultInf	0.024328	6.172014
245	ACC vs .MDisc	0.02493	6.282279
246	Lap vs .NetConf	0.025544	6.411653

247	Gain vs .X2	0.030226	7.526337
248	Lap vs .RelRisk	0.030226	7.526337
249	Cconf vs .Lever	0.033219	8.238363
250	Dep vs .Lever	0.033219	8.238363
251	InfGain vs .Lever	0.033219	8.238363
252	Lever vs .Lift	0.033219	8.238363
253	Gain vs .MDisc	0.037314	9.104595
254	Lap vs .Spec	0.038182	9.278341
255	Lap vs .OddsR	0.039971	9.673039
256	Klos vs .Lever	0.044757	10.78634
257	Cos vs .MultInf	0.047853	11.48481
258	Jacc vs .MultInf	0.047853	11.48481
259	ACC vs .Lap	0.048925	11.644115
260	Cover vs .MultInf	0.051128	12.117403
261	Pearson vs .Sup	0.055785	13.165226
262	Brins vs .Lap	0.062097	14.59283
263	Cole vs .Lap	0.062097	14.59283
264	Conf vs .Lap	0.062097	14.59283
265	ExCex vs .Lap	0.062097	14.59283
266	GR vs .Lap	0.062097	14.59283
267	Lap vs .SeBag	0.062097	14.59283
268	Lap vs .Zhang	0.062097	14.59283
269	MultInf vs .NetConf	0.06616	15.084592
270	Gain vs .Lap	0.07044	15.989977
271	Klos vs .Pearson	0.07044	15.989977
272	MDisc vs .OddsR	0.074945	16.862603
273	MultInf vs .RelRisk	0.076498	17.135479
274	OddsR vs .X2	0.089886	20.044496
275	Cconf vs .Pearson	0.091684	20.353918
276	Dep vs .Pearson	0.091684	20.353918
277	InfGain vs .Pearson	0.091684	20.353918
278	Lift vs .Pearson	0.091684	20.353918
279	MultInf vs .Spec	0.093512	20.385575
280	MultInf vs .Streng	0.107136	23.248483
281	Brins vs .MDisc	0.111305	24.041785
282	Cole vs .MDisc	0.111305	24.041785
283	Conf vs .MDisc	0.111305	24.041785
284	ExCex vs .MDisc	0.111305	24.041785
285	GR vs .MDisc	0.111305	24.041785
286	MDisc vs .SeBag	0.111305	24.041785
287	MDisc vs .Zhang	0.111305	24.041785
288	Cos vs .Lap	0.113436	24.041785
289	Jacc vs .Lap	0.113436	24.041785
290	MultInf vs .SupDif	0.113436	24.041785
291	MultInf vs .WRACC	0.113436	24.041785
292	ACC vs .MultInf	0.1156	24.041785
293	Cover vs .Lap	0.120025	24.485139
294	ColStr vs .Pearson	0.129272	26.242216
295	Brins vs .X2	0.131668	26.596939
296	Cole vs .X2	0.131668	26.596939

297	Conf vs .X2	0.131668	26.596939
298	ExCex vs .X2	0.131668	26.596939
299	GR vs .X2	0.131668	26.596939
300	SeBag vs .X2	0.131668	26.596939
301	X2 vs .Zhang	0.131668	26.596939
302	Pearson vs .X2	0.136563	26.629815
303	Gain vs .MultInf	0.157557	30.566139
304	MDisc vs .Pearson	0.160345	30.946584
305	Cos vs .MDisc	0.190301	36.537746
306	Jacc vs .MDisc	0.190301	36.537746
307	Cover vs .MDisc	0.200045	38.00856
308	OddsR vs .Sup	0.203373	38.437453
309	Cos vs .X2	0.220617	41.475945
310	Jacc vs .X2	0.220617	41.475945
311	Lap vs .Streng	0.224188	41.69893
312	Cover vs .X2	0.231453	42.818893
313	Lap vs .SupDif	0.235148	43.267302
314	Lap vs .WRACC	0.235148	43.267302
315	MultInf vs .Sup	0.238885	43.477042
316	Gain vs .Klos	0.258195	46.733304
317	Lap vs .Pearson	0.258195	46.733304
318	NetConf vs .Pearson	0.270287	48.381452
319	Brins vs .Sup	0.278562	49.583953
320	Cole vs .Sup	0.278562	49.583953
321	Conf vs .Sup	0.278562	49.583953
322	ExCex vs .Sup	0.278562	49.583953
323	GR vs .Sup	0.278562	49.583953
324	SeBag vs .Sup	0.278562	49.583953
325	Sup vs .Zhang	0.278562	49.583953
326	Pearson vs .RelRisk	0.299994	51.299054
327	Cconf vs .Gain	0.313369	53.272687
328	Dep vs .Gain	0.313369	53.272687
329	Gain vs .InfGain	0.313369	53.272687
330	Gain vs .Lift	0.313369	53.272687
331	ACC vs .Klos	0.331802	55.079213
332	MDisc vs .Streng	0.346079	57.102953
333	Pearson vs .Spec	0.346079	57.102953
334	MDisc vs .SupDif	0.36074	58.800592
335	MDisc vs .WRACC	0.36074	58.800592
336	Klos vs .Spec	0.386027	62.150327
337	OddsR vs .SupDif	0.386027	62.150327
338	OddsR vs .WRACC	0.386027	62.150327
339	Streng vs .X2	0.391211	62.150327
340	ACC vs .Cconf	0.396438	62.240704
341	ACC vs .Dep	0.396438	62.240704
342	ACC vs .InfGain	0.396438	62.240704
343	ACC vs .Lift	0.396438	62.240704
344	ACC vs .Pearson	0.401706	62.240704
345	ColStr vs .Gain	0.401706	62.240704
346	OddsR vs .Streng	0.401706	62.240704

347	SupDif vs .X2	0.407016	62.240704
348	WRACC vs .X2	0.407016	62.240704
349	Cos vs .Sup	0.423196	62.632951
350	Jacc vs .Sup	0.423196	62.632951
351	Lap vs .Sup	0.434188	63.391462
352	Cover vs .Sup	0.439746	63.763117
353	Klos vs .RelRisk	0.439746	63.763117
354	MultInf vs .X2	0.450982	64.490472
355	Cconf vs .Spec	0.456661	64.845869
356	Dep vs .Spec	0.456661	64.845869
357	InfGain vs .Spec	0.456661	64.845869
358	Lift vs .Spec	0.456661	64.845869
359	MultInf vs .Pearson	0.46238	64.845869
360	Klos vs .NetConf	0.479773	65.728943
361	ACC vs .ColStr	0.497518	67.662418
362	Brins vs .SupDif	0.497518	67.662418
363	Brins vs .WRACC	0.497518	67.662418
364	Cole vs .SupDif	0.497518	67.662418
365	Cole vs .WRACC	0.497518	67.662418
366	Conf vs .SupDif	0.497518	67.662418
367	Conf vs .WRACC	0.497518	67.662418
368	ExCex vs .SupDif	0.497518	67.662418
369	ExCex vs .WRACC	0.497518	67.662418
370	Gain vs .Pearson	0.497518	67.662418
371	GR vs .SupDif	0.497518	67.662418
372	GR vs .WRACC	0.497518	67.662418
373	SeBag vs .SupDif	0.497518	67.662418
374	SeBag vs .WRACC	0.497518	67.662418
375	SupDif vs .Zhang	0.497518	67.662418
376	WRACC vs .Zhang	0.497518	67.662418
377	MDisc vs .MultInf	0.503509	67.662418
378	Brins vs .Streng	0.515606	67.662418
379	Cconf vs .RelRisk	0.515606	67.662418
380	Cole vs .Streng	0.515606	67.662418
381	Conf vs .Streng	0.515606	67.662418
382	Dep vs .RelRisk	0.515606	67.662418
383	ExCex vs .Streng	0.515606	67.662418
384	GR vs .Streng	0.515606	67.662418
385	InfGain vs .RelRisk	0.515606	67.662418
386	Lift vs .RelRisk	0.515606	67.662418
387	SeBag vs .Streng	0.515606	67.662418
388	Streng vs .Zhang	0.515606	67.662418
389	Cconf vs .NetConf	0.5591	67.662418
390	Dep vs .NetConf	0.5591	67.662418
391	InfGain vs .NetConf	0.5591	67.662418
392	Lift vs .NetConf	0.5591	67.662418
393	ColStr vs .Spec	0.565456	67.662418
394	MDisc vs .Sup	0.610892	67.662418
395	Cover vs .OddsR	0.617513	67.662418
396	ColStr vs .RelRisk	0.630848	67.662418

397	Cos vs .OddsR	0.637561	67.662418
398	Jacc vs .OddsR	0.637561	67.662418
399	Streng vs .Sup	0.664708	67.662418
400	Gain vs .NetConf	0.671566	67.662418
401	Sup vs .X2	0.671566	67.662418
402	ColStr vs .NetConf	0.678451	67.662418
403	Sup vs .SupDif	0.685363	67.662418
404	Sup vs .WRACC	0.685363	67.662418
405	Cos vs .SupDif	0.692302	67.662418
406	Cos vs .WRACC	0.692302	67.662418
407	Jacc vs .SupDif	0.692302	67.662418
408	Jacc vs .WRACC	0.692302	67.662418
409	Lap vs .MultInf	0.692302	67.662418
410	Cos vs .Streng	0.713271	67.662418
411	Cover vs .SupDif	0.713271	67.662418
412	Cover vs .WRACC	0.713271	67.662418
413	Jacc vs .Streng	0.713271	67.662418
414	Gain vs .RelRisk	0.72031	67.662418
415	Lap vs .X2	0.72031	67.662418
416	Cover vs .Streng	0.734459	67.662418
417	Brins vs .Cover	0.755851	67.662418
418	Cole vs .Cover	0.755851	67.662418
419	Conf vs .Cover	0.755851	67.662418
420	Cover vs .ExCex	0.755851	67.662418
421	Cover vs .GR	0.755851	67.662418
422	Cover vs .SeBag	0.755851	67.662418
423	Cover vs .Zhang	0.755851	67.662418
424	ColStr vs .Klos	0.770218	67.662418
425	Brins vs .Cos	0.777432	67.662418
426	Brins vs .Jacc	0.777432	67.662418
427	Cole vs .Cos	0.777432	67.662418
428	Cole vs .Jacc	0.777432	67.662418
429	Conf vs .Cos	0.777432	67.662418
430	Conf vs .Jacc	0.777432	67.662418
431	Cos vs .ExCex	0.777432	67.662418
432	Cos vs .GR	0.777432	67.662418
433	Cos vs .SeBag	0.777432	67.662418
434	Cos vs .Zhang	0.777432	67.662418
435	ExCex vs .Jacc	0.777432	67.662418
436	GR vs .Jacc	0.777432	67.662418
437	Jacc vs .SeBag	0.777432	67.662418
438	Jacc vs .Zhang	0.777432	67.662418
439	Lap vs .MDisc	0.784665	67.662418
440	ACC vs .NetConf	0.791917	67.662418
441	Gain vs .Spec	0.791917	67.662418
442	ACC vs .RelRisk	0.843149	67.662418
443	Brins vs .OddsR	0.850528	67.662418
444	Cole vs .OddsR	0.850528	67.662418
445	Conf vs .OddsR	0.850528	67.662418
446	ExCex vs .OddsR	0.850528	67.662418

447	GR vs .OddsR	0.850528	67.662418
448	OddsR vs .SeBag	0.850528	67.662418
449	OddsR vs .Zhang	0.850528	67.662418
450	Cconf vs .ColStr	0.865325	67.662418
451	ColStr vs .Dep	0.865325	67.662418
452	ColStr vs .InfGain	0.865325	67.662418
453	ColStr vs .Lift	0.865325	67.662418
454	ACC vs .Gain	0.872741	67.662418
455	NetConf vs .Spec	0.872741	67.662418
456	Cconf vs .Klos	0.902512	67.662418
457	Dep vs .Klos	0.902512	67.662418
458	InfGain vs .Klos	0.902512	67.662418
459	Klos vs .Lift	0.902512	67.662418
460	ACC vs .Spec	0.917451	67.662418
461	RelRisk vs .Spec	0.924933	67.662418
462	MDisc vs .X2	0.93242	67.662418
463	NetConf vs .RelRisk	0.947413	67.662418
464	Cos vs .Cover	0.977449	67.662418
465	Cover vs .Jacc	0.977449	67.662418
466	Streng vs .SupDif	0.977449	67.662418
467	Streng vs .WRACC	0.977449	67.662418
468	Brins vs .Cole	1	67.662418
469	Brins vs .Conf	1	67.662418
470	Brins vs .ExCex	1	67.662418
471	Brins vs .GR	1	67.662418
472	Brins vs .SeBag	1	67.662418
473	Brins vs .Zhang	1	67.662418
474	Cconf vs .Dep	1	67.662418
475	Cconf vs .InfGain	1	67.662418
476	Cconf vs .Lift	1	67.662418
477	Cole vs .Conf	1	67.662418
478	Cole vs .ExCex	1	67.662418
479	Cole vs .GR	1	67.662418
480	Cole vs .SeBag	1	67.662418
481	Cole vs .Zhang	1	67.662418
482	Conf vs .ExCex	1	67.662418
483	Conf vs .GR	1	67.662418
484	Conf vs .SeBag	1	67.662418
485	Conf vs .Zhang	1	67.662418
486	Cos vs .Jacc	1	67.662418
487	Dep vs .InfGain	1	67.662418
488	Dep vs .Lift	1	67.662418
489	ExCex vs .GR	1	67.662418
490	ExCex vs .SeBag	1	67.662418
491	ExCex vs .Zhang	1	67.662418
492	GR vs .SeBag	1	67.662418
493	GR vs .Zhang	1	67.662418
494	InfGain vs .Lift	1	67.662418
495	SeBag vs .Zhang	1	67.662418

496	SupDif vs .WRACC	1	67.662418

Table 4: Adjusted p-values