Tables of the statistical tests considering the imbalanced databases contained in the Bin5.

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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	22.9688
Brins	11
Cconf	25.5938
Cole	11
ColStr	19.8125
Conf	11
Cos	10.9688
Cover	9.6875
Dep	25.5938
ExCex	11
Gain	18.3125
GR	11
InfGain	25.5938
Jacc	9.9062
Klos	23.25
Lap	16.75
Lever	30.9375
Lift	25.5938
MDisc	12.5938
MultInf	13.625

NetConf	22.9688
OddsR	10.7188
Pearson	20.875
RelRisk	22.4375
SeBag	11
Spec	21.7812
Streng	9.7188
Sup	15.2188
SupDif	10.0312
WRACC	10.0312
X2	16.0312
Zhang	11

Table 1: Average Rankings of the algorithms

Friedman statistic considering reduction performance (distributed according to chi-square with 31 degrees of freedom: 233.78196.

P-value computed by Friedman Test: 9.71640545799346E-11.

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	Cover vs. Lever	6.407116	0	0.000101
495	Lever vs. Streng	6.397694	0	0.000108
494	Jacc vs. Lever	6.34116	0	0.000108
493	Lever vs. SupDif	6.303472	0	0.000108
492	Lever vs. WRACC	6.303472	0	0.000108
491	Lever vs. OddsR	6.096182	0	0.000108
490	Cos vs. Lever	6.020805	0	0.000108
489	Brins vs. Lever	6.011382	0	0.000108
488	Cole vs. Lever	6.011382	0	0.000108
487	Conf vs. Lever	6.011382	0	0.000108
486	ExCex vs. Lever	6.011382	0	0.000108
485	GR vs. Lever	6.011382	0	0.000108
484	Lever vs. SeBag	6.011382	0	0.000108
483	Lever vs. Zhang	6.011382	0	0.000108
482	Lever vs. MDisc	5.530849	0	0.000108
481	Lever vs. MultInf	5.219915	0	0.000108
480	Cconf vs. Cover	4.795915	0.000002	0.000108
479	Cover vs. Dep	4.795915	0.000002	0.000108
478	Cover vs. InfGain	4.795915	0.000002	0.000108
477	Cover vs. Lift	4.795915	0.000002	0.000108
476	Cconf vs. Streng	4.786493	0.000002	0.000108
475	Dep vs. Streng	4.786493	0.000002	0.000108
474	InfGain vs. Streng	4.786493	0.000002	0.000108
473	Lift vs. Streng	4.786493	0.000002	0.000108
472	Lever vs. Sup	4.739381	0.000002	0.000108
471	Cconf vs. Jacc	4.729959	0.000002	0.000108
470	Dep vs. Jacc	4.729959	0.000002	0.000108
469	InfGain vs. Jacc	4.729959	0.000002	0.000108
468	Jacc vs. Lift	4.729959	0.000002	0.000108
467	Cconf vs. SupDif	4.69227	0.000003	0.000108
466	Cconf vs. WRACC	4.69227	0.000003	0.000108
465	Dep vs. SupDif	4.69227	0.000003	0.000108
464	Dep vs. WRACC	4.69227	0.000003	0.000115
463	InfGain vs. SupDif	4.69227	0.000003	0.000115
462	InfGain vs. WRACC	4.69227	0.000003	0.000115
461	Lift vs. SupDif	4.69227	0.000003	0.000115
460	Lift vs. WRACC	4.69227	0.000003	0.000115
459	Lever vs. X2	4.494403	0.000007	0.000115
458	Cconf vs. OddsR	4.484981	0.000007	0.000115
457	Dep vs. OddsR	4.484981	0.000007	0.000115
456	InfGain vs. OddsR	4.484981	0.000007	0.000115

455	Lift vs. OddsR	4.484981	0.000007	0.000115
454	Cconf vs. Cos	4.409603	0.00001	0.000115
453	Cos vs. Dep	4.409603	0.00001	0.000115
452	Cos vs. InfGain	4.409603	0.00001	0.000115
451	Cos vs. Lift	4.409603	0.00001	0.000115
450	Brins vs. Cconf	4.400181	0.000011	0.000115
449	Brins vs. Dep	4.400181	0.000011	0.000115
448	Brins vs. InfGain	4.400181	0.000011	0.000115
447	Brins vs. Lift	4.400181	0.000011	0.000115
446	Cconf vs. Cole	4.400181	0.000011	0.000115
445	Cconf vs. Conf	4.400181	0.000011	0.000115
444	Cconf vs. ExCex	4.400181	0.000011	0.000115
443	Cconf vs. GR	4.400181	0.000011	0.000115
442	Cconf vs. SeBag	4.400181	0.000011	0.000115
441	Cconf vs. Zhang	4.400181	0.000011	0.000115
440	Cole vs. Dep	4.400181	0.000011	0.000115
439	Cole vs. InfGain	4.400181	0.000011	0.000115
438	Cole vs. Lift	4.400181	0.000011	0.000115
437	Conf vs. Dep	4.400181	0.000011	0.000115
436	Conf vs. InfGain	4.400181	0.000011	0.000115
435	Conf vs. Lift	4.400181	0.000011	0.000115
434	Dep vs. ExCex	4.400181	0.000011	0.000122
433	Dep vs. GR	4.400181	0.000011	0.000122
432	Dep vs. SeBag	4.400181	0.000011	0.000122
431	Dep vs. Zhang	4.400181	0.000011	0.000122
430	ExCex vs. InfGain	4.400181	0.000011	0.000122
429	ExCex vs. Lift	4.400181	0.000011	0.000122
428	GR vs. InfGain	4.400181	0.000011	0.000122
427	GR vs. Lift	4.400181	0.000011	0.000122
426	InfGain vs. SeBag	4.400181	0.000011	0.000122
425	InfGain vs. Zhang	4.400181	0.000011	0.000122
424	Lift vs. SeBag	4.400181	0.000011	0.000122
423	Lift vs. Zhang	4.400181	0.000011	0.000122
422	Lap vs. Lever	4.277692	0.000019	0.000122
421	Cover vs. Klos	4.089248	0.000043	0.000122
420	Klos vs. Streng	4.079825	0.000045	0.000122
419	Jacc vs. Klos	4.023292	0.000057	0.000122
418	ACC vs. Cover	4.004448	0.000062	0.000122
417	Cover vs. NetConf	4.004448	0.000062	0.000122
416	ACC vs. Streng	3.995025	0.000065	0.000122
415	NetConf vs. Streng	3.995025	0.000065	0.000122
414	Klos vs. SupDif	3.985603	0.000067	0.000122
413	Klos vs. WRACC	3.985603	0.000067	0.000122
412	ACC vs. Jacc	3.938492	0.000082	0.000122
411	Jacc vs. NetConf	3.938492	0.000082	0.000122
410	Cconf vs. MDisc	3.919647	0.000089	0.000122
409	Dep vs. MDisc	3.919647	0.000089	0.000122
408	InfGain vs. MDisc	3.919647	0.000089	0.000123
407	Lift vs. MDisc	3.919647	0.000089	0.000123
406	ACC vs. SupDif	3.900803	0.000096	0.000123

405	ACC vs. WRACC	3.900803	0.000096	0.00013
404	NetConf vs. SupDif	3.900803	0.000096	0.00013
403	NetConf vs. WRACC	3.900803	0.000096	0.00013
402	Cover vs. RelRisk	3.84427	0.000121	0.00013
401	RelRisk vs. Streng	3.834847	0.000126	0.00013
400	Gain vs. Lever	3.806581	0.000141	0.00013
399	Jacc vs. RelRisk	3.778314	0.000158	0.00013
398	Klos vs. OddsR	3.778314	0.000158	0.00013
397	RelRisk vs. SupDif	3.740625	0.000184	0.00013
396	RelRisk vs. WRACC	3.740625	0.000184	0.00013
395	Cos vs. Klos	3.702936	0.000213	0.00013
394	ACC vs. OddsR	3.693514	0.000221	0.00013
393	Brins vs. Klos	3.693514	0.000221	0.00013
392	Cole vs. Klos	3.693514	0.000221	0.00013
391	Conf vs. Klos	3.693514	0.000221	0.00013
390	ExCex vs. Klos	3.693514	0.000221	0.00013
389	GR vs. Klos	3.693514	0.000221	0.00013
388	Klos vs. SeBag	3.693514	0.000221	0.00013
387	Klos vs. Zhang	3.693514	0.000221	0.00013
386	NetConf vs. OddsR	3.693514	0.000221	0.00013
385	Cover vs. Spec	3.646403	0.000266	0.00013
384	Spec vs. Streng	3.636981	0.000276	0.00013
383	ACC vs. Cos	3.618136	0.000297	0.000131
382	Cos vs. NetConf	3.618136	0.000297	0.000131
381	ACC vs. Brins	3.608714	0.000308	0.000131
380	ACC vs. Cole	3.608714	0.000308	0.000132
379	ACC vs. Conf	3.608714	0.000308	0.000132
378	ACC vs. ExCex	3.608714	0.000308	0.000132
377	ACC vs. GR	3.608714	0.000308	0.000133
376	ACC vs. SeBag	3.608714	0.000308	0.000133
375	ACC vs. Zhang	3.608714	0.000308	0.000133
374	Brins vs. NetConf	3.608714	0.000308	0.000134
373	Cconf vs. MultInf	3.608714	0.000308	0.000134
372	Cole vs. NetConf	3.608714	0.000308	0.000134
371	Conf vs. NetConf	3.608714	0.000308	0.000135
370	Dep vs. MultInf	3.608714	0.000308	0.000135
369	ExCex vs. NetConf	3.608714	0.000308	0.000136
368	GR vs. NetConf	3.608714	0.000308	0.000136
367	InfGain vs. MultInf	3.608714	0.000308	0.000136
366	Lift vs. MultInf	3.608714	0.000308	0.000137
365	NetConf vs. SeBag	3.608714	0.000308	0.000137
364	NetConf vs. Zhang	3.608714	0.000308	0.000137
363	Jacc vs. Spec	3.580447	0.000343	0.000138
362	Spec vs. SupDif	3.542758	0.000396	0.000138
361	Spec vs. WRACC	3.542758	0.000396	0.000139
360	OddsR vs. RelRisk	3.533336	0.00041	0.000139
359	Cos vs. RelRisk	3.457958	0.000544	0.000139
358	Brins vs. RelRisk	3.448536	0.000564	0.00014
357	Cole vs. RelRisk	3.448536	0.000564	0.00014
356	Conf vs. RelRisk	3.448536	0.000564	0.00014

355	ExCex vs. RelRisk	3.448536	0.000564	0.000141
354	GR vs. RelRisk	3.448536	0.000564	0.000141
353	RelRisk vs. SeBag	3.448536	0.000564	0.000142
352	RelRisk vs. Zhang	3.448536	0.000564	0.000142
351	Cover vs. Pearson	3.373158	0.000743	0.000142
350	Pearson vs. Streng	3.363736	0.000769	0.000143
349	ColStr vs. Lever	3.354314	0.000796	0.000143
348	OddsR vs. Spec	3.335469	0.000852	0.000144
347	Jacc vs. Pearson	3.307203	0.000942	0.000144
346	Pearson vs. SupDif	3.269514	0.001077	0.000145
345	Pearson vs. WRACC	3.269514	0.001077	0.000145
344	Cos vs. Spec	3.260091	0.001114	0.000145
343	Brins vs. Spec	3.250669	0.001151	0.000146
342	Cole vs. Spec	3.250669	0.001151	0.000146
341	Conf vs. Spec	3.250669	0.001151	0.000147
340	ExCex vs. Spec	3.250669	0.001151	0.000147
339	GR vs. Spec	3.250669	0.001151	0.000147
338	SeBag vs. Spec	3.250669	0.001151	0.000148
337	Spec vs. Zhang	3.250669	0.001151	0.000148
336	Klos vs. MDisc	3.21298	0.001314	0.000149
335	ACC vs. MDisc	3.12818	0.001759	0.000149
334	Cconf vs. Sup	3.12818	0.001759	0.00015
333	Dep vs. Sup	3.12818	0.001759	0.00015
332	InfGain vs. Sup	3.12818	0.001759	0.000151
331	Lift vs. Sup	3.12818	0.001759	0.000151
330	MDisc vs. NetConf	3.12818	0.001759	0.000152
329	OddsR vs. Pearson	3.062225	0.002197	0.000152
328	ColStr vs. Cover	3.052802	0.002267	0.000152
327	ColStr vs. Streng	3.04338	0.002339	0.000153
326	Lever vs. Pearson	3.033958	0.002414	0.000153
325	ColStr vs. Jacc	2.986847	0.002819	0.000154
324	Cos vs. Pearson	2.986847	0.002819	0.000154
323	Brins vs. Pearson	2.977425	0.002907	0.000155
322	Cole vs. Pearson	2.977425	0.002907	0.000155
321	Conf vs. Pearson	2.977425	0.002907	0.000156
320	ExCex vs. Pearson	2.977425	0.002907	0.000156
319	GR vs. Pearson	2.977425	0.002907	0.000157
318	Pearson vs. SeBag	2.977425	0.002907	0.000157
317	Pearson vs. Zhang	2.977425	0.002907	0.000158
316	MDisc vs. RelRisk	2.968002	0.002997	0.000158
315	ColStr vs. SupDif	2.949158	0.003186	0.000159
314	ColStr vs. WRACC	2.949158	0.003186	0.000159
313	Klos vs. MultInf	2.902047	0.003707	0.00016
312	Cconf vs. X2	2.883202	0.003937	0.00016
311	Dep vs. X2	2.883202	0.003937	0.000161
310	InfGain vs. X2	2.883202	0.003937	0.000161
309	Lift vs. X2	2.883202	0.003937	0.000162
308	ACC vs. MultInf	2.817247	0.004844	0.000162
307	MultInf vs. NetConf	2.817247	0.004844	0.000163
306	MDisc vs. Spec	2.770135	0.005603	0.000163

305	Lever vs. Spec	2.760713	0.005768	0.000164
304	ColStr vs. OddsR	2.741869	0.006109	0.000164
303	Cconf vs. Lap	2.666491	0.007665	0.000165
302	ColStr vs. Cos	2.666491	0.007665	0.000166
301	Dep vs. Lap	2.666491	0.007665	0.000166
300	InfGain vs. Lap	2.666491	0.007665	0.000167
299	Lap vs. Lift	2.666491	0.007665	0.000167
298	Brins vs. ColStr	2.657069	0.007882	0.000168
297	Cole vs. ColStr	2.657069	0.007882	0.000168
296	ColStr vs. Conf	2.657069	0.007882	0.000169
295	ColStr vs. ExCex	2.657069	0.007882	0.000169
294	ColStr vs. GR	2.657069	0.007882	0.00017
293	ColStr vs. SeBag	2.657069	0.007882	0.000171
292	ColStr vs. Zhang	2.657069	0.007882	0.000171
291	MultInf vs. RelRisk	2.657069	0.007882	0.000172
290	Cover vs. Gain	2.600535	0.009308	0.000172
289	Gain vs. Streng	2.591113	0.009567	0.000173
288	Lever vs. RelRisk	2.562846	0.010382	0.000174
287	Gain vs. Jacc	2.53458	0.011258	0.000174
286	Gain vs. SupDif	2.496891	0.012529	0.000175
285	Gain vs. WRACC	2.496891	0.012529	0.000175
284	MDisc vs. Pearson	2.496891	0.012529	0.000176
283	MultInf vs. Spec	2.459202	0.013925	0.000177
282	Klos vs. Sup	2.421513	0.015456	0.000177
281	ACC vs. Lever	2.402669	0.016276	0.000178
280	Lever vs. NetConf	2.402669	0.016276	0.000179
279	ACC vs. Sup	2.336713	0.019454	0.000179
278	NetConf vs. Sup	2.336713	0.019454	0.00018
277	Klos vs. Lever	2.317868	0.020456	0.000181
276	Gain vs. OddsR	2.289602	0.022044	0.000181
275	Cos vs. Gain	2.214224	0.026813	0.000182
274	Brins vs. Gain	2.204802	0.027468	0.000182
273	Cole vs. Gain	2.204802	0.027468	0.000183
272	Conf vs. Gain	2.204802	0.027468	0.000184
271	ExCex vs. Gain	2.204802	0.027468	0.000185
270	Gain vs. GR	2.204802	0.027468	0.000185
269	Gain vs. SeBag	2.204802	0.027468	0.000186
268	Gain vs. Zhang	2.204802	0.027468	0.000187
267	Cconf vs. Gain	2.195379	0.028136	0.000187
266	Dep vs. Gain	2.195379	0.028136	0.000188
265	Gain vs. InfGain	2.195379	0.028136	0.000189
264	Gain vs. Lift	2.195379	0.028136	0.000189
263	MultInf vs. Pearson	2.185957	0.028819	0.00019
262	ColStr vs. MDisc	2.176535	0.029515	0.000191
261	Klos vs. X2	2.176535	0.029515	0.000192
260	RelRisk vs. Sup	2.176535	0.029515	0.000192
259	Cover vs. Lap	2.129424	0.033219	0.000193
258	Lap vs. Streng	2.120002	0.034006	0.000194
257	ACC vs. X2	2.091735	0.036462	0.000195
256	NetConf vs. X2	2.091735	0.036462	0.000195

255	Jacc vs. Lap	2.063468	0.039068	0.000196
254	Lap vs. SupDif	2.025779	0.042787	0.000197
253	Lap vs. WRACC	2.025779	0.042787	0.000198
252	Spec vs. Sup	1.978668	0.047853	0.000198
251	Klos vs. Lap	1.959824	0.050016	0.000199
250	RelRisk vs. X2	1.931557	0.053414	0.0002
249	Cover vs. X2	1.912713	0.055785	0.000201
248	Streng vs. X2	1.90329	0.057003	0.000202
247	ACC vs. Lap	1.875024	0.060789	0.000202
246	Lap vs. NetConf	1.875024	0.060789	0.000203
245	ColStr vs. MultInf	1.865601	0.062097	0.000204
244	Jacc vs. X2	1.846757	0.064782	0.000205
243	Lap vs. OddsR	1.81849	0.068989	0.000206
242	SupDif vs. X2	1.809068	0.07044	0.000207
241	WRACC vs. X2	1.809068	0.07044	0.000207
240	Cconf vs. ColStr	1.743112	0.081314	0.000208
239	ColStr vs. Dep	1.743112	0.081314	0.000209
238	ColStr vs. InfGain	1.743112	0.081314	0.00021
237	ColStr vs. Lift	1.743112	0.081314	0.000211
236	Cos vs. Lap	1.743112	0.081314	0.000212
235	Brins vs. Lap	1.73369	0.082973	0.000213
234	Cole vs. Lap	1.73369	0.082973	0.000214
233	Conf vs. Lap	1.73369	0.082973	0.000215
232	ExCex vs. Lap	1.73369	0.082973	0.000216
231	GR vs. Lap	1.73369	0.082973	0.000216
230	Lap vs. SeBag	1.73369	0.082973	0.000217
229	Lap vs. Zhang	1.73369	0.082973	0.000218
228	Spec vs. X2	1.73369	0.082973	0.000219
227	Gain vs. MDisc	1.724268	0.084659	0.00022
226	Lap vs. RelRisk	1.714846	0.086374	0.000221
225	Pearson vs. Sup	1.705424	0.088115	0.000222
224	Cover vs. Sup	1.667735	0.095368	0.000223
223	Streng vs. Sup	1.658312	0.097254	0.000224
222	Cconf vs. Lever	1.611201	0.107136	0.000225
221	Dep vs. Lever	1.611201	0.107136	0.000226
220	InfGain vs. Lever	1.611201	0.107136	0.000227
219	Lever vs. Lift	1.611201	0.107136	0.000228
218	Jacc vs. Sup	1.601779	0.109204	0.000229
217	OddsR vs. X2	1.601779	0.109204	0.00023
216	Sup vs. SupDif	1.56409	0.117796	0.000231
215	Sup vs. WRACC	1.56409	0.117796	0.000233
214	Cos vs. X2	1.526401	0.12691	0.000234
213	Brins vs. X2	1.516979	0.129272	0.000235
212	Cole vs. X2	1.516979	0.129272	0.000236
211	Conf vs. X2	1.516979	0.129272	0.000237
210	ExCex vs. X2	1.516979	0.129272	0.000238
209	GR vs. X2	1.516979	0.129272	0.000239
208	Lap vs. Spec	1.516979	0.129272	0.00024
207	SeBag vs. X2	1.516979	0.129272	0.000242
206	X2 vs. Zhang	1.516979	0.129272	0.000243

205	Gain vs. Klos	1.488712	0.136563	0.000244
204	Pearson vs. X2	1.460446	0.144168	0.000245
203	Cconf vs. Pearson	1.422757	0.154807	0.000246
202	Dep vs. Pearson	1.422757	0.154807	0.000248
201	InfGain vs. Pearson	1.422757	0.154807	0.000249
200	Lift vs. Pearson	1.422757	0.154807	0.00025
199	Gain vs. MultInf	1.413334	0.157557	0.000251
198	ACC vs. Gain	1.403912	0.160345	0.000253
197	Gain vs. NetConf	1.403912	0.160345	0.000254
196	ColStr vs. Sup	1.385068	0.166032	0.000255
195	OddsR vs. Sup	1.356801	0.174844	0.000256
194	Cos vs. Sup	1.281423	0.200045	0.000258
193	Brins vs. Sup	1.272001	0.203373	0.000259
192	Cole vs. Sup	1.272001	0.203373	0.00026
191	Conf vs. Sup	1.272001	0.203373	0.000262
190	ExCex vs. Sup	1.272001	0.203373	0.000263
189	GR vs. Sup	1.272001	0.203373	0.000265
188	SeBag vs. Sup	1.272001	0.203373	0.000266
187	Sup vs. Zhang	1.272001	0.203373	0.000267
186	Lap vs. MDisc	1.253157	0.210149	0.000269
185	Gain vs. RelRisk	1.243734	0.213597	0.00027
184	Lap vs. Pearson	1.243734	0.213597	0.000272
183	Cover vs. MultInf	1.187201	0.235148	0.000273
182	MultInf vs. Streng	1.177779	0.238885	0.000275
181	Cconf vs. Spec	1.149512	0.250345	0.000276
180	Dep vs. Spec	1.149512	0.250345	0.000278
179	InfGain vs. Spec	1.149512	0.250345	0.000279
178	Lift vs. Spec	1.149512	0.250345	0.000281
177	ColStr vs. X2	1.14009	0.254249	0.000282
176	Jacc vs. MultInf	1.121245	0.262183	0.000284
175	MultInf vs. SupDif	1.083556	0.278562	0.000286
174	MultInf vs. WRACC	1.083556	0.278562	0.000287
173	Gain vs. Spec	1.045867	0.295622	0.000289
172	ColStr vs. Klos	1.036445	0.299994	0.000291
171	MDisc vs. X2	1.036445	0.299994	0.000292
170	ACC vs. ColStr	0.951645	0.341277	0.000294
169	Cconf vs. RelRisk	0.951645	0.341277	0.000296
168	ColStr vs. NetConf	0.951645	0.341277	0.000298
167	Dep vs. RelRisk	0.951645	0.341277	0.000299
166	InfGain vs. RelRisk	0.951645	0.341277	0.000301
165	Lift vs. RelRisk	0.951645	0.341277	0.000303
164	Lap vs. MultInf	0.942223	0.346079	0.000305
163	Gain vs. Sup	0.932801	0.350923	0.000307
162	ColStr vs. Lap	0.923378	0.35581	0.000309
161	Cover vs. MDisc	0.876267	0.380885	0.000311
160	MultInf vs. OddsR	0.876267	0.380885	0.000312
159	MDisc vs. Streng	0.866845	0.386027	0.000314
158	Jacc vs. MDisc	0.810312	0.417761	0.000316
157	Cos vs. MultInf	0.80089	0.423196	0.000318
156	ACC vs. Cconf	0.791467	0.428671	0.000321

155	ACC vs. Dep	0.791467	0.428671	0.000323
154	ACC vs. InfGain	0.791467	0.428671	0.000325
153	ACC vs. Lift	0.791467	0.428671	0.000327
152	Brins vs. MultInf	0.791467	0.428671	0.000329
151	Cconf vs. NetConf	0.791467	0.428671	0.000331
150	Cole vs. MultInf	0.791467	0.428671	0.000333
149	ColStr vs. RelRisk	0.791467	0.428671	0.000336
148	Conf vs. MultInf	0.791467	0.428671	0.000338
147	Dep vs. NetConf	0.791467	0.428671	0.00034
146	ExCex vs. MultInf	0.791467	0.428671	0.000342
145	GR vs. MultInf	0.791467	0.428671	0.000345
144	InfGain vs. NetConf	0.791467	0.428671	0.000347
143	Lift vs. NetConf	0.791467	0.428671	0.00035
142	MDisc vs. Sup	0.791467	0.428671	0.000352
141	MultInf vs. SeBag	0.791467	0.428671	0.000355
140	MultInf vs. Zhang	0.791467	0.428671	0.000357
139	Gain vs. Pearson	0.772623	0.439746	0.00036
138	MDisc vs. SupDif	0.772623	0.439746	0.000362
137	MDisc vs. WRACC	0.772623	0.439746	0.000365
136	MultInf vs. X2	0.725512	0.468138	0.000368
135	Klos vs. Pearson	0.716089	0.473936	0.00037
134	Cconf vs. Klos	0.706667	0.479773	0.000373
133	Dep vs. Klos	0.706667	0.479773	0.000376
132	InfGain vs. Klos	0.706667	0.479773	0.000379
131	Klos vs. Lift	0.706667	0.479773	0.000382
130	Gain vs. X2	0.687823	0.491564	0.000385
129	ACC vs. Pearson	0.631289	0.527851	0.000388
128	NetConf vs. Pearson	0.631289	0.527851	0.000391
127	ColStr vs. Spec	0.5936	0.552779	0.000394
126	MDisc vs. OddsR	0.565334	0.571847	0.000397
125	Cos vs. MDisc	0.489956	0.624165	0.0004
124	Brins vs. MDisc	0.480534	0.630848	0.000403
123	Cole vs. MDisc	0.480534	0.630848	0.000407
122	Conf vs. MDisc	0.480534	0.630848	0.00041
121	ExCex vs. MDisc	0.480534	0.630848	0.000413
120	GR vs. MDisc	0.480534	0.630848	0.000417
119	MDisc vs. SeBag	0.480534	0.630848	0.00042
118	MDisc vs. Zhang	0.480534	0.630848	0.000424
117	MultInf vs. Sup	0.480534	0.630848	0.000427
116	Gain vs. Lap	0.471111	0.637561	0.000431
115	Pearson vs. RelRisk	0.471111	0.637561	0.000435
114	Lap vs. Sup	0.461689	0.644304	0.000439
113	ColStr vs. Gain	0.452267	0.651077	0.000442
112	Klos vs. Spec	0.442845	0.657878	0.000446
111	Brins vs. Cover	0.395734	0.692302	0.00045
110	Cole vs. Cover	0.395734	0.692302	0.000455
109	Conf vs. Cover	0.395734	0.692302	0.000459
108	Cover vs. ExCex	0.395734	0.692302	0.000463
107	Cover vs. GR	0.395734	0.692302	0.000467
106	Cover vs. SeBag	0.395734	0.692302	0.000472

105	Cover vs. Zhang	0.395734	0.692302	0.000476
104	Brins vs. Streng	0.386311	0.699266	0.000481
103	Cole vs. Streng	0.386311	0.699266	0.000485
102	Conf vs. Streng	0.386311	0.699266	0.00049
101	Cos vs. Cover	0.386311	0.699266	0.000495
100	ExCex vs. Streng	0.386311	0.699266	0.0005
99	GR vs. Streng	0.386311	0.699266	0.000505
98	SeBag vs. Streng	0.386311	0.699266	0.00051
97	Streng vs. Zhang	0.386311	0.699266	0.000515
96	Cos vs. Streng	0.376889	0.706256	0.000521
95	ACC vs. Spec	0.358045	0.72031	0.000526
94	NetConf vs. Spec	0.358045	0.72031	0.000532
93	Brins vs. Jacc	0.329778	0.741568	0.000538
92	Cole vs. Jacc	0.329778	0.741568	0.000543
91	Conf vs. Jacc	0.329778	0.741568	0.000549
90	ExCex vs. Jacc	0.329778	0.741568	0.000556
89	GR vs. Jacc	0.329778	0.741568	0.000562
88	Jacc vs. SeBag	0.329778	0.741568	0.000568
87	Jacc vs. Zhang	0.329778	0.741568	0.000575
86	ColStr vs. Pearson	0.320356	0.748699	0.000581
85	Cos vs. Jacc	0.320356	0.748699	0.000588
84	Cover vs. OddsR	0.310934	0.755851	0.000595
83	MDisc vs. MultInf	0.310934	0.755851	0.000602
82	OddsR vs. Streng	0.301511	0.763025	0.00061
81	Brins vs. SupDif	0.292089	0.770218	0.000617
80	Brins vs. WRACC	0.292089	0.770218	0.000625
79	Cole vs. SupDif	0.292089	0.770218	0.000633
78	Cole vs. WRACC	0.292089	0.770218	0.000641
77	Conf vs. SupDif	0.292089	0.770218	0.000649
76	Conf vs. WRACC	0.292089	0.770218	0.000658
75	ExCex vs. SupDif	0.292089	0.770218	0.000667
74	ExCex vs. WRACC	0.292089	0.770218	0.000676
73	GR vs. SupDif	0.292089	0.770218	0.000685
72	GR vs. WRACC	0.292089	0.770218	0.000694
71	SeBag vs. SupDif	0.292089	0.770218	0.000704
70	SeBag vs. WRACC	0.292089	0.770218	0.000714
69	SupDif vs. Zhang	0.292089	0.770218	0.000725
68	WRACC vs. Zhang	0.292089	0.770218	0.000735
67	Cos vs. SupDif	0.282667	0.777432	0.000746
66	Cos vs. WRACC	0.282667	0.777432	0.000758
65	Pearson vs. Spec	0.273245	0.784665	0.000769
64	Jacc vs. OddsR	0.244978	0.806473	0.000781
63	Klos vs. RelRisk	0.244978	0.806473	0.000794
62	Sup vs. X2	0.244978	0.806473	0.000806
61	Lap vs. X2	0.216711	0.828433	0.00082
60	OddsR vs. SupDif	0.207289	0.835784	0.000833
59	OddsR vs. WRACC	0.207289	0.835784	0.000847
58	RelRisk vs. Spec	0.197867	0.843149	0.000862
57	ACC vs. RelRisk	0.160178	0.872741	0.000877
56	NetConf vs. RelRisk	0.160178	0.872741	0.000893

55	Cover vs. SupDif	0.103645	0.917451	0.000909
54	Cover vs. WRACC	0.103645	0.917451	0.000926
53	Streng vs. SupDif	0.094222	0.924933	0.000943
52	Streng vs. WRACC	0.094222	0.924933	0.000962
51	ACC vs. Klos	0.0848	0.93242	0.00098
50	Brins vs. OddsR	0.0848	0.93242	0.001
49	Cole vs. OddsR	0.0848	0.93242	0.00102
48	Conf vs. OddsR	0.0848	0.93242	0.001042
47	ExCex vs. OddsR	0.0848	0.93242	0.001064
46	GR vs. OddsR	0.0848	0.93242	0.001087
45	Klos vs. NetConf	0.0848	0.93242	0.001111
44	OddsR vs. SeBag	0.0848	0.93242	0.001136
43	OddsR vs. Zhang	0.0848	0.93242	0.001163
42	Cos vs. OddsR	0.075378	0.939914	0.00119
41	Cover vs. Jacc	0.065956	0.947413	0.00122
40	Jacc vs. Streng	0.056533	0.954917	0.00125
39	Jacc vs. SupDif	0.037689	0.969936	0.001282
38	Jacc vs. WRACC	0.037689	0.969936	0.001316
37	Brins vs. Cos	0.009422	0.992482	0.001351
36	Cole vs. Cos	0.009422	0.992482	0.001389
35	Conf vs. Cos	0.009422	0.992482	0.001429
34	Cos vs. ExCex	0.009422	0.992482	0.001471
33	Cos vs. GR	0.009422	0.992482	0.001515
32	Cos vs. SeBag	0.009422	0.992482	0.001562
31	Cos vs. Zhang	0.009422	0.992482	0.001613
30	Cover vs. Streng	0.009422	0.992482	0.001667
29	ACC vs. NetConf	0	1	0.001724
28	Brins vs. Cole	0	1	0.001786
27	Brins vs. Conf	0	1	0.001852
26	Brins vs. ExCex	0	1	0.001923
25	Brins vs. GR	0	1	0.002
24	Brins vs. SeBag	0	1	0.002083
23	Brins vs. Zhang	0	1	0.002174
22	Cconf vs. Dep	0	1	0.002273
21	Cconf vs. InfGain	0	1	0.002381
20	Cconf vs. Lift	0	1	0.0025
19	Cole vs. Conf	0	1	0.002632
18	Cole vs. ExCex	0	1	0.002778
17	Cole vs. GR	0	1	0.002941
16	Cole vs. SeBag	0	1	0.003125
15	Cole vs. Zhang	0	1	0.003333
14	Conf vs. ExCex	0	1	0.003571
13	Conf vs. GR	0	1	0.003846
12	Conf vs. SeBag	0	1	0.004167
11	Conf vs. Zhang	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	Cover vs. Lever	6.407116	0	0.000202
495	Lever vs. Streng	6.397694	0	0.000215
494	Jacc vs. Lever	6.34116	0	0.000215
493	Lever vs. SupDif	6.303472	0	0.000215
492	Lever vs. WRACC	6.303472	0	0.000215
491	Lever vs. OddsR	6.096182	0	0.000215
490	Cos vs. Lever	6.020805	0	0.000215
489	Brins vs. Lever	6.011382	0	0.000215
488	Cole vs. Lever	6.011382	0	0.000215
487	Conf vs. Lever	6.011382	0	0.000215
486	ExCex vs. Lever	6.011382	0	0.000215
485	GR vs. Lever	6.011382	0	0.000215
484	Lever vs. SeBag	6.011382	0	0.000215
483	Lever vs. Zhang	6.011382	0	0.000215
482	Lever vs. MDisc	5.530849	0	0.000215
481	Lever vs. MultInf	5.219915	0	0.000215
480	Cconf vs. Cover	4.795915	0.000002	0.000215
479	Cover vs. Dep	4.795915	0.000002	0.000215
478	Cover vs. InfGain	4.795915	0.000002	0.000215
477	Cover vs. Lift	4.795915	0.000002	0.000215
476	Cconf vs. Streng	4.786493	0.000002	0.000215
475	Dep vs. Streng	4.786493	0.000002	0.000215
474	InfGain vs. Streng	4.786493	0.000002	0.000215
473	Lift vs. Streng	4.786493	0.000002	0.000215
472	Lever vs. Sup	4.739381	0.000002	0.000215
471	Cconf vs. Jacc	4.729959	0.000002	0.000215
470	Dep vs. Jacc	4.729959	0.000002	0.000215
469	InfGain vs. Jacc	4.729959	0.000002	0.000215
468	Jacc vs. Lift	4.729959	0.000002	0.000215
467	Cconf vs. SupDif	4.69227	0.000003	0.000215
466	Cconf vs. WRACC	4.69227	0.000003	0.000215
465	Dep vs. SupDif	4.69227	0.000003	0.000215
464	Dep vs. WRACC	4.69227	0.000003	0.000229
463	InfGain vs. SupDif	4.69227	0.000003	0.000229
462	InfGain vs. WRACC	4.69227	0.000003	0.000229
461	Lift vs. SupDif	4.69227	0.000003	0.000229
460	Lift vs. WRACC	4.69227	0.000003	0.000229
459	Lever vs. X2	4.494403	0.000007	0.000229
458	Cconf vs. OddsR	4.484981	0.000007	0.000229
457	Dep vs. OddsR	4.484981	0.000007	0.000229
456	InfGain vs. OddsR	4.484981	0.000007	0.000229
455	Lift vs. OddsR	4.484981	0.000007	0.000229
454	Cconf vs. Cos	4.409603	0.00001	0.000229
453	Cos vs. Dep	4.409603	0.00001	0.000229
452	Cos vs. InfGain	4.409603	0.00001	0.000229
451	Cos vs. Lift	4.409603	0.00001	0.000229
450	Brins vs. Cconf	4.400181	0.000011	0.000229

449	Brins vs. Dep	4.400181	0.000011	0.000229
448	Brins vs. InfGain	4.400181	0.000011	0.000229
447	Brins vs. Lift	4.400181	0.000011	0.000229
446	Cconf vs. Cole	4.400181	0.000011	0.000229
445	Cconf vs. Conf	4.400181	0.000011	0.000229
444	Cconf vs. ExCex	4.400181	0.000011	0.000229
443	Cconf vs. GR	4.400181	0.000011	0.000229
442	Cconf vs. SeBag	4.400181	0.000011	0.000229
441	Cconf vs. Zhang	4.400181	0.000011	0.000229
440	Cole vs. Dep	4.400181	0.000011	0.000229
439	Cole vs. InfGain	4.400181	0.000011	0.000229
438	Cole vs. Lift	4.400181	0.000011	0.000229
437	Conf vs. Dep	4.400181	0.000011	0.000229
436	Conf vs. InfGain	4.400181	0.000011	0.000229
435	Conf vs. Lift	4.400181	0.000011	0.00023
434	Dep vs. ExCex	4.400181	0.000011	0.000244
433	Dep vs. GR	4.400181	0.000011	0.000244
432	Dep vs. SeBag	4.400181	0.000011	0.000244
431	Dep vs. Zhang	4.400181	0.000011	0.000244
430	ExCex vs. InfGain	4.400181	0.000011	0.000244
429	ExCex vs. Lift	4.400181	0.000011	0.000244
428	GR vs. InfGain	4.400181	0.000011	0.000244
427	GR vs. Lift	4.400181	0.000011	0.000244
426	InfGain vs. SeBag	4.400181	0.000011	0.000244
425	InfGain vs. Zhang	4.400181	0.000011	0.000244
424	Lift vs. SeBag	4.400181	0.000011	0.000244
423	Lift vs. Zhang	4.400181	0.000011	0.000244
422	Lap vs. Lever	4.277692	0.000019	0.000244
421	Cover vs. Klos	4.089248	0.000043	0.000244
420	Klos vs. Streng	4.079825	0.000045	0.000244
419	Jacc vs. Klos	4.023292	0.000057	0.000244
418	ACC vs. Cover	4.004448	0.000062	0.000244
417	Cover vs. NetConf	4.004448	0.000062	0.000244
416	ACC vs. Streng	3.995025	0.000065	0.000244
415	NetConf vs. Streng	3.995025	0.000065	0.000244
414	Klos vs. SupDif	3.985603	0.000067	0.000244
413	Klos vs. WRACC	3.985603	0.000067	0.000244
412	ACC vs. Jacc	3.938492	0.000082	0.000244
411	Jacc vs. NetConf	3.938492	0.000082	0.000244
410	Cconf vs. MDisc	3.919647	0.000089	0.000244
409	Dep vs. MDisc	3.919647	0.000089	0.000244
408	InfGain vs. MDisc	3.919647	0.000089	0.000246
407	Lift vs. MDisc	3.919647	0.000089	0.000246
406	ACC vs. SupDif	3.900803	0.000096	0.000246
405	ACC vs. WRACC	3.900803	0.000096	0.00026
404	NetConf vs. SupDif	3.900803	0.000096	0.00026
403	NetConf vs. WRACC	3.900803	0.000096	0.00026
402	Cover vs. RelRisk	3.84427	0.000121	0.00026
401	RelRisk vs. Streng	3.834847	0.000126	0.00026
400	Gain vs. Lever	3.806581	0.000141	0.00026

399	Jacc vs. RelRisk	3.778314	0.000158	0.00026
398	Klos vs. OddsR	3.778314	0.000158	0.00026
397	RelRisk vs. SupDif	3.740625	0.000184	0.00026
396	RelRisk vs. WRACC	3.740625	0.000184	0.00026
395	Cos vs. Klos	3.702936	0.000213	0.00026
394	ACC vs. OddsR	3.693514	0.000221	0.00026
393	Brins vs. Klos	3.693514	0.000221	0.00026
392	Cole vs. Klos	3.693514	0.000221	0.00026
391	Conf vs. Klos	3.693514	0.000221	0.00026
390	ExCex vs. Klos	3.693514	0.000221	0.00026
389	GR vs. Klos	3.693514	0.000221	0.00026
388	Klos vs. SeBag	3.693514	0.000221	0.00026
387	Klos vs. Zhang	3.693514	0.000221	0.00026
386	NetConf vs. OddsR	3.693514	0.000221	0.00026
385	Cover vs. Spec	3.646403	0.000266	0.00026
384	Spec vs. Streng	3.636981	0.000276	0.00026
383	ACC vs. Cos	3.618136	0.000297	0.000261
382	Cos vs. NetConf	3.618136	0.000297	0.000262
381	ACC vs. Brins	3.608714	0.000308	0.000262
380	ACC vs. Cole	3.608714	0.000308	0.000263
379	ACC vs. Conf	3.608714	0.000308	0.000264
378	ACC vs. ExCex	3.608714	0.000308	0.000265
377	ACC vs. GR	3.608714	0.000308	0.000265
376	ACC vs. SeBag	3.608714	0.000308	0.000266
375	ACC vs. Zhang	3.608714	0.000308	0.000267
374	Brins vs. NetConf	3.608714	0.000308	0.000267
373	Cconf vs. MultInf	3.608714	0.000308	0.000268
372	Cole vs. NetConf	3.608714	0.000308	0.000269
371	Conf vs. NetConf	3.608714	0.000308	0.00027
370	Dep vs. MultInf	3.608714	0.000308	0.00027
369	ExCex vs. NetConf	3.608714	0.000308	0.000271
368	GR vs. NetConf	3.608714	0.000308	0.000272
367	InfGain vs. MultInf	3.608714	0.000308	0.000272
366	Lift vs. MultInf	3.608714	0.000308	0.000273
365	NetConf vs. SeBag	3.608714	0.000308	0.000274
364	NetConf vs. Zhang	3.608714	0.000308	0.000275
363	Jacc vs. Spec	3.580447	0.000343	0.000275
362	Spec vs. SupDif	3.542758	0.000396	0.000276
361	Spec vs. WRACC	3.542758	0.000396	0.000277
360	OddsR vs. RelRisk	3.533336	0.00041	0.000278
359	Cos vs. RelRisk	3.457958	0.000544	0.000279
358	Brins vs. RelRisk	3.448536	0.000564	0.000279
357	Cole vs. RelRisk	3.448536	0.000564	0.00028
356	Conf vs. RelRisk	3.448536	0.000564	0.000281
355	ExCex vs. RelRisk	3.448536	0.000564	0.000282
354	GR vs. RelRisk	3.448536	0.000564	0.000282
353	RelRisk vs. SeBag	3.448536	0.000564	0.000283
352	RelRisk vs. Zhang	3.448536	0.000564	0.000284
351	Cover vs. Pearson	3.373158	0.000743	0.000285
350	Pearson vs. Streng	3.363736	0.000769	0.000286

349	ColStr vs. Lever	3.354314	0.000796	0.000287
348	OddsR vs. Spec	3.335469	0.000852	0.000287
347	Jacc vs. Pearson	3.307203	0.000942	0.000288
346	Pearson vs. SupDif	3.269514	0.001077	0.000289
345	Pearson vs. WRACC	3.269514	0.001077	0.00029
344	Cos vs. Spec	3.260091	0.001114	0.000291
343	Brins vs. Spec	3.250669	0.001151	0.000292
342	Cole vs. Spec	3.250669	0.001151	0.000292
341	Conf vs. Spec	3.250669	0.001151	0.000293
340	ExCex vs. Spec	3.250669	0.001151	0.000294
339	GR vs. Spec	3.250669	0.001151	0.000295
338	SeBag vs. Spec	3.250669	0.001151	0.000296
337	Spec vs. Zhang	3.250669	0.001151	0.000297
336	Klos vs. MDisc	3.21298	0.001314	0.000298
335	ACC vs. MDisc	3.12818	0.001759	0.000299
334	Cconf vs. Sup	3.12818	0.001759	0.000299
333	Dep vs. Sup	3.12818	0.001759	0.0003
332	InfGain vs. Sup	3.12818	0.001759	0.000301
331	Lift vs. Sup	3.12818	0.001759	0.000302
330	MDisc vs. NetConf	3.12818	0.001759	0.000303
329	OddsR vs. Pearson	3.062225	0.002197	0.000304
328	ColStr vs. Cover	3.052802	0.002267	0.000305
327	ColStr vs. Streng	3.04338	0.002339	0.000306
326	Lever vs. Pearson	3.033958	0.002414	0.000307
325	ColStr vs. Jacc	2.986847	0.002819	0.000308
324	Cos vs. Pearson	2.986847	0.002819	0.000309
323	Brins vs. Pearson	2.977425	0.002907	0.00031
322	Cole vs. Pearson	2.977425	0.002907	0.000311
321	Conf vs. Pearson	2.977425	0.002907	0.000312
320	ExCex vs. Pearson	2.977425	0.002907	0.000312
319	GR vs. Pearson	2.977425	0.002907	0.000313
318	Pearson vs. SeBag	2.977425	0.002907	0.000314
317	Pearson vs. Zhang	2.977425	0.002907	0.000315
316	MDisc vs. RelRisk	2.968002	0.002997	0.000316
315	ColStr vs. SupDif	2.949158	0.003186	0.000317
314	ColStr vs. WRACC	2.949158	0.003186	0.000318
313	Klos vs. MultInf	2.902047	0.003707	0.000319
312	Cconf vs. X2	2.883202	0.003937	0.000321
311	Dep vs. X2	2.883202	0.003937	0.000322
310	InfGain vs. X2	2.883202	0.003937	0.000323
309	Lift vs. X2	2.883202	0.003937	0.000324
308	ACC vs. MultInf	2.817247	0.004844	0.000325
307	MultInf vs. NetConf	2.817247	0.004844	0.000326
306	MDisc vs. Spec	2.770135	0.005603	0.000327
305	Lever vs. Spec	2.760713	0.005768	0.000328
304	ColStr vs. OddsR	2.741869	0.006109	0.000329
303	Cconf vs. Lap	2.666491	0.007665	0.00033
302	ColStr vs. Cos	2.666491	0.007665	0.000331
301	Dep vs. Lap	2.666491	0.007665	0.000332
300	InfGain vs. Lap	2.666491	0.007665	0.000333

299	Lap vs. Lift	2.666491	0.007665	0.000334
298	Brins vs. ColStr	2.657069	0.007882	0.000336
297	Cole vs. ColStr	2.657069	0.007882	0.000337
296	ColStr vs. Conf	2.657069	0.007882	0.000338
295	ColStr vs. ExCex	2.657069	0.007882	0.000339
294	ColStr vs. GR	2.657069	0.007882	0.00034
293	ColStr vs. SeBag	2.657069	0.007882	0.000341
292	ColStr vs. Zhang	2.657069	0.007882	0.000342
291	MultInf vs. RelRisk	2.657069	0.007882	0.000344
290	Cover vs. Gain	2.600535	0.009308	0.000345
289	Gain vs. Streng	2.591113	0.009567	0.000346
288	Lever vs. RelRisk	2.562846	0.010382	0.000347
287	Gain vs. Jacc	2.53458	0.011258	0.000348
286	Gain vs. SupDif	2.496891	0.012529	0.00035
285	Gain vs. WRACC	2.496891	0.012529	0.000351
284	MDisc vs. Pearson	2.496891	0.012529	0.000352
283	MultInf vs. Spec	2.459202	0.013925	0.000353
282	Klos vs. Sup	2.421513	0.015456	0.000355
281	ACC vs. Lever	2.402669	0.016276	0.000356
280	Lever vs. NetConf	2.402669	0.016276	0.000357
279	ACC vs. Sup	2.336713	0.019454	0.000358
278	NetConf vs. Sup	2.336713	0.019454	0.00036
277	Klos vs. Lever	2.317868	0.020456	0.000361
276	Gain vs. OddsR	2.289602	0.022044	0.000362
275	Cos vs. Gain	2.214224	0.026813	0.000364
274	Brins vs. Gain	2.204802	0.027468	0.000365
273	Cole vs. Gain	2.204802	0.027468	0.000366
272	Conf vs. Gain	2.204802	0.027468	0.000368
271	ExCex vs. Gain	2.204802	0.027468	0.000369
270	Gain vs. GR	2.204802	0.027468	0.00037
269	Gain vs. SeBag	2.204802	0.027468	0.000372
268	Gain vs. Zhang	2.204802	0.027468	0.000373
267	Cconf vs. Gain	2.195379	0.028136	0.000375
266	Dep vs. Gain	2.195379	0.028136	0.000376
265	Gain vs. InfGain	2.195379	0.028136	0.000377
264	Gain vs. Lift	2.195379	0.028136	0.000379
263	MultInf vs. Pearson	2.185957	0.028819	0.00038
262	ColStr vs. MDisc	2.176535	0.029515	0.000382
261	Klos vs. X2	2.176535	0.029515	0.000383
260	RelRisk vs. Sup	2.176535	0.029515	0.000385
259	Cover vs. Lap	2.129424	0.033219	0.000386
258	Lap vs. Streng	2.120002	0.034006	0.000388
257	ACC vs. X2	2.091735	0.036462	0.000389
256	NetConf vs. X2	2.091735	0.036462	0.000391
255	Jacc vs. Lap	2.063468	0.039068	0.000392
254	Lap vs. SupDif	2.025779	0.042787	0.000394
253	Lap vs. WRACC	2.025779	0.042787	0.000395
252	Spec vs. Sup	1.978668	0.047853	0.000397
251	Klos vs. Lap	1.959824	0.050016	0.000398
250	RelRisk vs. X2	1.931557	0.053414	0.0004

249	Cover vs. X2	1.912713	0.055785	0.000402
248	Streng vs. X2	1.90329	0.057003	0.000403
247	ACC vs. Lap	1.875024	0.060789	0.000405
246	Lap vs. NetConf	1.875024	0.060789	0.000407
245	ColStr vs. MultInf	1.865601	0.062097	0.000408
244	Jacc vs. X2	1.846757	0.064782	0.00041
243	Lap vs. OddsR	1.81849	0.068989	0.000412
242	SupDif vs. X2	1.809068	0.07044	0.000413
241	WRACC vs. X2	1.809068	0.07044	0.000415
240	Cconf vs. ColStr	1.743112	0.081314	0.000417
239	ColStr vs. Dep	1.743112	0.081314	0.000418
238	ColStr vs. InfGain	1.743112	0.081314	0.00042
237	ColStr vs. Lift	1.743112	0.081314	0.000422
236	Cos vs. Lap	1.743112	0.081314	0.000424
235	Brins vs. Lap	1.73369	0.082973	0.000426
234	Cole vs. Lap	1.73369	0.082973	0.000427
233	Conf vs. Lap	1.73369	0.082973	0.000429
232	ExCex vs. Lap	1.73369	0.082973	0.000431
231	GR vs. Lap	1.73369	0.082973	0.000433
230	Lap vs. SeBag	1.73369	0.082973	0.000435
229	Lap vs. Zhang	1.73369	0.082973	0.000437
228	Spec vs. X2	1.73369	0.082973	0.000439
227	Gain vs. MDisc	1.724268	0.084659	0.000441
226	Lap vs. RelRisk	1.714846	0.086374	0.000442
225	Pearson vs. Sup	1.705424	0.088115	0.000444
224	Cover vs. Sup	1.667735	0.095368	0.000446
223	Streng vs. Sup	1.658312	0.097254	0.000448
222	Cconf vs. Lever	1.611201	0.107136	0.00045
221	Dep vs. Lever	1.611201	0.107136	0.000452
220	InfGain vs. Lever	1.611201	0.107136	0.000455
219	Lever vs. Lift	1.611201	0.107136	0.000457
218	Jacc vs. Sup	1.601779	0.109204	0.000459
217	OddsR vs. X2	1.601779	0.109204	0.000461
216	Sup vs. SupDif	1.56409	0.117796	0.000463
215	Sup vs. WRACC	1.56409	0.117796	0.000465
214	Cos vs. X2	1.526401	0.12691	0.000467
213	Brins vs. X2	1.516979	0.129272	0.000469
212	Cole vs. X2	1.516979	0.129272	0.000472
211	Conf vs. X2	1.516979	0.129272	0.000474
210	ExCex vs. X2	1.516979	0.129272	0.000476
209	GR vs. X2	1.516979	0.129272	0.000478
208	Lap vs. Spec	1.516979	0.129272	0.000481
207	SeBag vs. X2	1.516979	0.129272	0.000483
206	X2 vs. Zhang	1.516979	0.129272	0.000485
205	Gain vs. Klos	1.488712	0.136563	0.000488
204	Pearson vs. X2	1.460446	0.144168	0.00049
203	Cconf vs. Pearson	1.422757	0.154807	0.000493
202	Dep vs. Pearson	1.422757	0.154807	0.000495
201	InfGain vs. Pearson	1.422757	0.154807	0.000498
200	Lift vs. Pearson	1.422757	0.154807	0.0005

199	Gain vs. MultInf	1.413334	0.157557	0.000503
198	ACC vs. Gain	1.403912	0.160345	0.000505
197	Gain vs. NetConf	1.403912	0.160345	0.000508
196	ColStr vs. Sup	1.385068	0.166032	0.00051
195	OddsR vs. Sup	1.356801	0.174844	0.000513
194	Cos vs. Sup	1.281423	0.200045	0.000515
193	Brins vs. Sup	1.272001	0.203373	0.000518
192	Cole vs. Sup	1.272001	0.203373	0.000521
191	Conf vs. Sup	1.272001	0.203373	0.000524
190	ExCex vs. Sup	1.272001	0.203373	0.000526
189	GR vs. Sup	1.272001	0.203373	0.000529
188	SeBag vs. Sup	1.272001	0.203373	0.000532
187	Sup vs. Zhang	1.272001	0.203373	0.000535
186	Lap vs. MDisc	1.253157	0.210149	0.000538
185	Gain vs. RelRisk	1.243734	0.213597	0.000541
184	Lap vs. Pearson	1.243734	0.213597	0.000543
183	Cover vs. MultInf	1.187201	0.235148	0.000546
182	MultInf vs. Streng	1.177779	0.238885	0.000549
181	Cconf vs. Spec	1.149512	0.250345	0.000552
180	Dep vs. Spec	1.149512	0.250345	0.000556
179	InfGain vs. Spec	1.149512	0.250345	0.000559
178	Lift vs. Spec	1.149512	0.250345	0.000562
177	ColStr vs. X2	1.14009	0.254249	0.000565
176	Jacc vs. MultInf	1.121245	0.262183	0.000568
175	MultInf vs. SupDif	1.083556	0.278562	0.000571
174	MultInf vs. WRACC	1.083556	0.278562	0.000575
173	Gain vs. Spec	1.045867	0.295622	0.000578
172	ColStr vs. Klos	1.036445	0.299994	0.000581
171	MDisc vs. X2	1.036445	0.299994	0.000585
170	ACC vs. ColStr	0.951645	0.341277	0.000588
169	Cconf vs. RelRisk	0.951645	0.341277	0.000592
168	ColStr vs. NetConf	0.951645	0.341277	0.000595
167	Dep vs. RelRisk	0.951645	0.341277	0.000599
166	InfGain vs. RelRisk	0.951645	0.341277	0.000602
165	Lift vs. RelRisk	0.951645	0.341277	0.000606
164	Lap vs. MultInf	0.942223	0.346079	0.00061
163	Gain vs. Sup	0.932801	0.350923	0.000613
162	ColStr vs. Lap	0.923378	0.35581	0.000617
161	Cover vs. MDisc	0.876267	0.380885	0.000621
160	MultInf vs. OddsR	0.876267	0.380885	0.000625
159	MDisc vs. Streng	0.866845	0.386027	0.000629
158	Jacc vs. MDisc	0.810312	0.417761	0.000633
157	Cos vs. MultInf	0.80089	0.423196	0.000637
156	ACC vs. Cconf	0.791467	0.428671	0.000641
155	ACC vs. Dep	0.791467	0.428671	0.000645
154	ACC vs. InfGain	0.791467	0.428671	0.000649
153	ACC vs. Lift	0.791467	0.428671	0.000654
152	Brins vs. MultInf	0.791467	0.428671	0.000658
151	Cconf vs. NetConf	0.791467	0.428671	0.000662
150	Cole vs. MultInf	0.791467	0.428671	0.000667

149	ColStr vs. RelRisk	0.791467	0.428671	0.000671
148	Conf vs. MultInf	0.791467	0.428671	0.000676
147	Dep vs. NetConf	0.791467	0.428671	0.00068
146	ExCex vs. MultInf	0.791467	0.428671	0.000685
145	GR vs. MultInf	0.791467	0.428671	0.00069
144	InfGain vs. NetConf	0.791467	0.428671	0.000694
143	Lift vs. NetConf	0.791467	0.428671	0.000699
142	MDisc vs. Sup	0.791467	0.428671	0.000704
141	MultInf vs. SeBag	0.791467	0.428671	0.000709
140	MultInf vs. Zhang	0.791467	0.428671	0.000714
139	Gain vs. Pearson	0.772623	0.439746	0.000719
138	MDisc vs. SupDif	0.772623	0.439746	0.000725
137	MDisc vs. WRACC	0.772623	0.439746	0.00073
136	MultInf vs. X2	0.725512	0.468138	0.000735
135	Klos vs. Pearson	0.716089	0.473936	0.000741
134	Cconf vs. Klos	0.706667	0.479773	0.000746
133	Dep vs. Klos	0.706667	0.479773	0.000752
132	InfGain vs. Klos	0.706667	0.479773	0.000758
131	Klos vs. Lift	0.706667	0.479773	0.000763
130	Gain vs. X2	0.687823	0.491564	0.000769
129	ACC vs. Pearson	0.631289	0.527851	0.000775
128	NetConf vs. Pearson	0.631289	0.527851	0.000781
127	ColStr vs. Spec	0.5936	0.552779	0.000787
126	MDisc vs. OddsR	0.565334	0.571847	0.000794
125	Cos vs. MDisc	0.489956	0.624165	0.0008
124	Brins vs. MDisc	0.480534	0.630848	0.000806
123	Cole vs. MDisc	0.480534	0.630848	0.000813
122	Conf vs. MDisc	0.480534	0.630848	0.00082
121	ExCex vs. MDisc	0.480534	0.630848	0.000826
120	GR vs. MDisc	0.480534	0.630848	0.000833
119	MDisc vs. SeBag	0.480534	0.630848	0.00084
118	MDisc vs. Zhang	0.480534	0.630848	0.000847
117	MultInf vs. Sup	0.480534	0.630848	0.000855
116	Gain vs. Lap	0.471111	0.637561	0.000862
115	Pearson vs. RelRisk	0.471111	0.637561	0.00087
114	Lap vs. Sup	0.461689	0.644304	0.000877
113	ColStr vs. Gain	0.452267	0.651077	0.000885
112	Klos vs. Spec	0.442845	0.657878	0.000893
111	Brins vs. Cover	0.395734	0.692302	0.000901
110	Cole vs. Cover	0.395734	0.692302	0.000909
109	Conf vs. Cover	0.395734	0.692302	0.000917
108	Cover vs. ExCex	0.395734	0.692302	0.000926
107	Cover vs. GR	0.395734	0.692302	0.000935
106	Cover vs. SeBag	0.395734	0.692302	0.000943
105	Cover vs. Zhang	0.395734	0.692302	0.000952
104	Brins vs. Streng	0.386311	0.699266	0.000962
103	Cole vs. Streng	0.386311	0.699266	0.000971
102	Conf vs. Streng	0.386311	0.699266	0.00098
101	Cos vs. Cover	0.386311	0.699266	0.00099
100	ExCex vs. Streng	0.386311	0.699266	0.001

99	GR vs. Streng	0.386311	0.699266	0.00101
98	SeBag vs. Streng	0.386311	0.699266	0.00102
97	Streng vs. Zhang	0.386311	0.699266	0.001031
96	Cos vs. Streng	0.376889	0.706256	0.001042
95	ACC vs. Spec	0.358045	0.72031	0.001053
94	NetConf vs. Spec	0.358045	0.72031	0.001064
93	Brins vs. Jacc	0.329778	0.741568	0.001075
92	Cole vs. Jacc	0.329778	0.741568	0.001087
91	Conf vs. Jacc	0.329778	0.741568	0.001099
90	ExCex vs. Jacc	0.329778	0.741568	0.001111
89	GR vs. Jacc	0.329778	0.741568	0.001124
88	Jacc vs. SeBag	0.329778	0.741568	0.001136
87	Jacc vs. Zhang	0.329778	0.741568	0.001149
86	ColStr vs. Pearson	0.320356	0.748699	0.001163
85	Cos vs. Jacc	0.320356	0.748699	0.001176
84	Cover vs. OddsR	0.310934	0.755851	0.00119
83	MDisc vs. MultInf	0.310934	0.755851	0.001205
82	OddsR vs. Streng	0.301511	0.763025	0.00122
81	Brins vs. SupDif	0.292089	0.770218	0.001235
80	Brins vs. WRACC	0.292089	0.770218	0.00125
79	Cole vs. SupDif	0.292089	0.770218	0.001266
78	Cole vs. WRACC	0.292089	0.770218	0.001282
77	Conf vs. SupDif	0.292089	0.770218	0.001299
76	Conf vs. WRACC	0.292089	0.770218	0.001316
75	ExCex vs. SupDif	0.292089	0.770218	0.001333
74	ExCex vs. WRACC	0.292089	0.770218	0.001351
73	GR vs. SupDif	0.292089	0.770218	0.00137
72	GR vs. WRACC	0.292089	0.770218	0.001389
71	SeBag vs. SupDif	0.292089	0.770218	0.001408
70	SeBag vs. WRACC	0.292089	0.770218	0.001429
69	SupDif vs. Zhang	0.292089	0.770218	0.001449
68	WRACC vs. Zhang	0.292089	0.770218	0.001471
67	Cos vs. SupDif	0.282667	0.777432	0.001493
66	Cos vs. WRACC	0.282667	0.777432	0.001515
65	Pearson vs. Spec	0.273245	0.784665	0.001538
64	Jacc vs. OddsR	0.244978	0.806473	0.001562
63	Klos vs. RelRisk	0.244978	0.806473	0.001587
62	Sup vs. X2	0.244978	0.806473	0.001613
61	Lap vs. X2	0.216711	0.828433	0.001639
60	OddsR vs. SupDif	0.207289	0.835784	0.001667
59	OddsR vs. WRACC	0.207289	0.835784	0.001695
58	RelRisk vs. Spec	0.197867	0.843149	0.001724
57	ACC vs. RelRisk	0.160178	0.872741	0.001754
56	NetConf vs. RelRisk	0.160178	0.872741	0.001786
55	Cover vs. SupDif	0.103645	0.917451	0.001818
54	Cover vs. WRACC	0.103645	0.917451	0.001852
53	Streng vs. SupDif	0.094222	0.924933	0.001887
52	Streng vs. WRACC	0.094222	0.924933	0.001923
51	ACC vs. Klos	0.0848	0.93242	0.001961
50	Brins vs. OddsR	0.0848	0.93242	0.002

49	Cole vs. OddsR	0.0848	0.93242	0.002041
48	Conf vs. OddsR	0.0848	0.93242	0.002083
47	ExCex vs. OddsR	0.0848	0.93242	0.002128
46	GR vs. OddsR	0.0848	0.93242	0.002174
45	Klos vs. NetConf	0.0848	0.93242	0.002222
44	OddsR vs. SeBag	0.0848	0.93242	0.002273
43	OddsR vs. Zhang	0.0848	0.93242	0.002326
42	Cos vs. OddsR	0.075378	0.939914	0.002381
41	Cover vs. Jacc	0.065956	0.947413	0.002439
40	Jacc vs. Streng	0.056533	0.954917	0.0025
39	Jacc vs. SupDif	0.037689	0.969936	0.002564
38	Jacc vs. WRACC	0.037689	0.969936	0.002632
37	Brins vs. Cos	0.009422	0.992482	0.002703
36	Cole vs. Cos	0.009422	0.992482	0.002778
35	Conf vs. Cos	0.009422	0.992482	0.002857
34	Cos vs. ExCex	0.009422	0.992482	0.002941
33	Cos vs. GR	0.009422	0.992482	0.00303
32	Cos vs. SeBag	0.009422	0.992482	0.003125
31	Cos vs. Zhang	0.009422	0.992482	0.003226
30	Cover vs. Streng	0.009422	0.992482	0.003333
29	ACC vs. NetConf	0	1	0.003448
28	Brins vs. Cole	0	1	0.003571
27	Brins vs. Conf	0	1	0.003704
26	Brins vs. ExCex	0	1	0.003846
25	Brins vs. GR	0	1	0.004
24	Brins vs. SeBag	0	1	0.004167
23	Brins vs. Zhang	0	1	0.004348
22	Cconf vs. Dep	0	1	0.004545
21	Cconf vs. InfGain	0	1	0.004762
20	Cconf vs. Lift	0	1	0.005
19	Cole vs. Conf	0	1	0.005263
18	Cole vs. ExCex	0	1	0.005556
17	Cole vs. GR	0	1	0.005882
16	Cole vs. SeBag	0	1	0.00625
15	Cole vs. Zhang	0	1	0.006667
14	Conf vs. ExCex	0	1	0.007143
13	Conf vs. GR	0	1	0.007692
12	Conf vs. SeBag	0	1	0.008333
11	Conf vs. Zhang	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	Cover vs .Lever	0	0
2	Lever vs .Streng	0	0
3	Jacc vs .Lever	0	0
4	Lever vs .SupDif	0	0
5	Lever vs .WRACC	0	0
6	Lever vs .OddsR	0	0.000001
7	Cos vs .Lever	0	0.000001
8	Brins vs .Lever	0	0.000001
9	Cole vs .Lever	0	0.000001
10	Conf vs .Lever	0	0.000001
11	ExCex vs .Lever	0	0.000001
12	GR vs .Lever	0	0.000001
13	Lever vs .SeBag	0	0.000001
14	Lever vs .Zhang	0	0.000001
15	Lever vs .MDisc	0	0.000015
16	Lever vs .MultInf	0	0.000083
17	Cconf vs .Cover	0.000002	0.000753
18	Cover vs .Dep	0.000002	0.000753
19	Cover vs .InfGain	0.000002	0.000753
20	Cover vs .Lift	0.000002	0.000753
21	Cconf vs .Streng	0.000002	0.000789
22	Dep vs .Streng	0.000002	0.000789
23	InfGain vs .Streng	0.000002	0.000789
24	Lift vs .Streng	0.000002	0.000789
25	Lever vs .Sup	0.000002	0.000997
26	Cconf vs .Jacc	0.000002	0.001044
27	Dep vs .Jacc	0.000002	0.001044
28	InfGain vs .Jacc	0.000002	0.001044
29	Jacc vs .Lift	0.000002	0.001044
30	Cconf vs .SupDif	0.000003	0.001256
31	Cconf vs .WRACC	0.000003	0.001256
32	Dep vs .SupDif	0.000003	0.001256
33	Dep vs .WRACC	0.000003	0.001256
34	InfGain vs .SupDif	0.000003	0.001256
35	InfGain vs .WRACC	0.000003	0.001256
36	Lift vs .SupDif	0.000003	0.001256
37	Lift vs .WRACC	0.000003	0.001256
38	Lever vs .X2	0.000007	0.003042
39	Cconf vs .OddsR	0.000007	0.003179
40	Dep vs .OddsR	0.000007	0.003179
41	InfGain vs .OddsR	0.000007	0.003179
42	Lift vs .OddsR	0.000007	0.003179
43	Cconf vs .Cos	0.00001	0.004515
44	Cos vs .Dep	0.00001	0.004515
45	Cos vs .InfGain	0.00001	0.004515
46	Cos vs .Lift	0.00001	0.004515

47	Brins vs .Cconf	0.000011	0.004716
48	Brins vs .Dep	0.000011	0.004716
49	Brins vs .InfGain	0.000011	0.004716
50	Brins vs .Lift	0.000011	0.004716
51	Cconf vs .Cole	0.000011	0.004716
52	Cconf vs .Conf	0.000011	0.004716
53	Cconf vs .ExCex	0.000011	0.004716
54	Cconf vs .GR	0.000011	0.004716
55	Cconf vs .SeBag	0.000011	0.004716
56	Cconf vs .Zhang	0.000011	0.004716
57	Cole vs .Dep	0.000011	0.004716
58	Cole vs .InfGain	0.000011	0.004716
59	Cole vs .Lift	0.000011	0.004716
60	Conf vs .Dep	0.000011	0.004716
61	Conf vs .InfGain	0.000011	0.004716
62	Conf vs .Lift	0.000011	0.004716
63	Dep vs .ExCex	0.000011	0.004716
64	Dep vs .GR	0.000011	0.004716
65	Dep vs .SeBag	0.000011	0.004716
66	Dep vs .Zhang	0.000011	0.004716
67	ExCex vs .InfGain	0.000011	0.004716
68	ExCex vs .Lift	0.000011	0.004716
69	GR vs .InfGain	0.000011	0.004716
70	GR vs .Lift	0.000011	0.004716
71	InfGain vs .SeBag	0.000011	0.004716
72	InfGain vs .Zhang	0.000011	0.004716
73	Lift vs .SeBag	0.000011	0.004716
74	Lift vs .Zhang	0.000011	0.004716
75	Lap vs .Lever	0.000019	0.007724
76	Cover vs .Klos	0.000043	0.0177
77	Klos vs .Streng	0.000045	0.018433
78	Jacc vs .Klos	0.000057	0.023473
79	ACC vs .Cover	0.000062	0.025424
80	Cover vs .NetConf	0.000062	0.025424
81	ACC vs .Streng	0.000065	0.026457
82	NetConf vs .Streng	0.000065	0.026457
83	Klos vs .SupDif	0.000067	0.027529
84	Klos vs .WRACC	0.000067	0.027529
85	ACC vs .Jacc	0.000082	0.033536
86	Jacc vs .NetConf	0.000082	0.033536
87	Cconf vs .MDisc	0.000089	0.03627
88	Dep vs .MDisc	0.000089	0.03627
89	InfGain vs .MDisc	0.000089	0.03627
90	Lift vs .MDisc	0.000089	0.03627
91	ACC vs .SupDif	0.000096	0.038925
92	ACC vs .WRACC	0.000096	0.038925
93	NetConf vs .SupDif	0.000096	0.038925
94	NetConf vs .WRACC	0.000096	0.038925
95	Cover vs .RelRisk	0.000121	0.04643
96	RelRisk vs .Streng	0.000126	0.048247

97	Gain vs .Lever	0.000141	0.054106
98	Jacc vs .RelRisk	0.000158	0.060631
99	Klos vs .OddsR	0.000158	0.060631
100	RelRisk vs .SupDif	0.000184	0.070488
101	RelRisk vs .WRACC	0.000184	0.070488
102	Cos vs .Klos	0.000213	0.081838
103	ACC vs .OddsR	0.000221	0.084932
104	Brins vs .Klos	0.000221	0.084932
105	Cole vs .Klos	0.000221	0.084932
106	Conf vs .Klos	0.000221	0.084932
107	ExCex vs .Klos	0.000221	0.084932
108	GR vs .Klos	0.000221	0.084932
109	Klos vs .SeBag	0.000221	0.084932
110	Klos vs .Zhang	0.000221	0.084932
111	NetConf vs .OddsR	0.000221	0.084932
112	Cover vs .Spec	0.000266	0.10212
113	Spec vs .Streng	0.000276	0.105927
114	ACC vs .Cos	0.000297	0.113055
115	Cos vs .NetConf	0.000297	0.113055
116	ACC vs .Brins	0.000308	0.117241
117	ACC vs .Cole	0.000308	0.117241
118	ACC vs .Conf	0.000308	0.117241
119	ACC vs .ExCex	0.000308	0.117241
120	ACC vs .GR	0.000308	0.117241
121	ACC vs .SeBag	0.000308	0.117241
122	ACC vs .Zhang	0.000308	0.117241
123	Brins vs .NetConf	0.000308	0.117241
124	Cconf vs .MultInf	0.000308	0.117241
125	Cole vs .NetConf	0.000308	0.117241
126	Conf vs .NetConf	0.000308	0.117241
127	Dep vs .MultInf	0.000308	0.117241
128	ExCex vs .NetConf	0.000308	0.117241
129	GR vs .NetConf	0.000308	0.117241
130	InfGain vs .MultInf	0.000308	0.117241
131	Lift vs .MultInf	0.000308	0.117241
132	NetConf vs .SeBag	0.000308	0.117241
133	NetConf vs .Zhang	0.000308	0.117241
134	Jacc vs .Spec	0.000343	0.123825
135	Spec vs .SupDif	0.000396	0.142944
136	Spec vs .WRACC	0.000396	0.142944
137	OddsR vs .RelRisk	0.00041	0.146495
138	Cos vs .RelRisk	0.000544	0.19431
139	Brins vs .RelRisk	0.000564	0.201217
140	Cole vs .RelRisk	0.000564	0.201217
141	Conf vs .RelRisk	0.000564	0.201217
142	ExCex vs .RelRisk	0.000564	0.201217
143	GR vs .RelRisk	0.000564	0.201217
144	RelRisk vs .SeBag	0.000564	0.201217
145	RelRisk vs .Zhang	0.000564	0.201217
146	Cover vs .Pearson	0.000743	0.260832

147	Pearson vs .Streng	0.000769	0.261443
148	ColStr vs .Lever	0.000796	0.270511
149	OddsR vs .Spec	0.000852	0.289529
150	Jacc vs .Pearson	0.000942	0.320391
151	Pearson vs .SupDif	0.001077	0.366291
152	Pearson vs .WRACC	0.001077	0.366291
153	Cos vs .Spec	0.001114	0.378679
154	Brins vs .Spec	0.001151	0.391455
155	Cole vs .Spec	0.001151	0.391455
156	Conf vs .Spec	0.001151	0.391455
157	ExCex vs .Spec	0.001151	0.391455
158	GR vs .Spec	0.001151	0.391455
159	SeBag vs .Spec	0.001151	0.391455
160	Spec vs .Zhang	0.001151	0.391455
161	Klos vs .MDisc	0.001314	0.440074
162	ACC vs .MDisc	0.001759	0.589239
163	Cconf vs .Sup	0.001759	0.589239
164	Dep vs .Sup	0.001759	0.589239
165	InfGain vs .Sup	0.001759	0.589239
166	Lift vs .Sup	0.001759	0.589239
167	MDisc vs .NetConf	0.001759	0.589239
168	OddsR vs .Pearson	0.002197	0.722808
169	ColStr vs .Cover	0.002267	0.743626
170	ColStr vs .Streng	0.002339	0.764973
171	Lever vs .Pearson	0.002414	0.78686
172	ColStr vs .Jacc	0.002819	0.916081
173	Cos vs .Pearson	0.002819	0.916081
174	Brins vs .Pearson	0.002907	0.933087
175	Cole vs .Pearson	0.002907	0.933087
176	Conf vs .Pearson	0.002907	0.933087
177	ExCex vs .Pearson	0.002907	0.933087
178	GR vs .Pearson	0.002907	0.933087
179	Pearson vs .SeBag	0.002907	0.933087
180	Pearson vs .Zhang	0.002907	0.933087
181	MDisc vs .RelRisk	0.002997	0.944188
182	ColStr vs .SupDif	0.003186	1.00372
183	ColStr vs .WRACC	0.003186	1.00372
184	Klos vs .MultInf	0.003707	1.15298
185	Cconf vs .X2	0.003937	1.224266
186	Dep vs .X2	0.003937	1.224266
187	InfGain vs .X2	0.003937	1.224266
188	Lift vs .X2	0.003937	1.224266
189	ACC vs .MultInf	0.004844	1.487026
190	MultInf vs .NetConf	0.004844	1.487026
191	MDisc vs .Spec	0.005603	1.714609
192	Lever vs .Spec	0.005768	1.759096
193	ColStr vs .OddsR	0.006109	1.857158
194	Cconf vs .Lap	0.007665	2.322424
195	ColStr vs .Cos	0.007665	2.322424
196	Dep vs .Lap	0.007665	2.322424

197	InfGain vs .Lap	0.007665	2.322424
198	Lap vs .Lift	0.007665	2.322424
199	Brins vs .ColStr	0.007882	2.341054
200	Cole vs .ColStr	0.007882	2.341054
201	ColStr vs .Conf	0.007882	2.341054
202	ColStr vs .ExCex	0.007882	2.341054
203	ColStr vs .GR	0.007882	2.341054
204	ColStr vs .SeBag	0.007882	2.341054
205	ColStr vs .Zhang	0.007882	2.341054
206	MultInf vs .RelRisk	0.007882	2.341054
207	Cover vs .Gain	0.009308	2.689967
208	Gain vs .Streng	0.009567	2.764749
209	Lever vs .RelRisk	0.010382	2.989957
210	Gain vs .Jacc	0.011258	3.231112
211	Gain vs .SupDif	0.012529	3.583223
212	Gain vs .WRACC	0.012529	3.583223
213	MDisc vs .Pearson	0.012529	3.583223
214	MultInf vs .Spec	0.013925	3.94067
215	Klos vs .Sup	0.015456	4.358606
216	ACC vs .Lever	0.016276	4.573537
217	Lever vs .NetConf	0.016276	4.573537
218	ACC vs .Sup	0.019454	5.427698
219	NetConf vs .Sup	0.019454	5.427698
220	Klos vs .Lever	0.020456	5.666442
221	Gain vs .OddsR	0.022044	6.084258
222	Cos vs .Gain	0.026813	7.373679
223	Brins vs .Gain	0.027468	7.526235
224	Cole vs .Gain	0.027468	7.526235
225	Conf vs .Gain	0.027468	7.526235
226	ExCex vs .Gain	0.027468	7.526235
227	Gain vs .GR	0.027468	7.526235
228	Gain vs .SeBag	0.027468	7.526235
229	Gain vs .Zhang	0.027468	7.526235
230	Cconf vs .Gain	0.028136	7.526235
231	Dep vs .Gain	0.028136	7.526235
232	Gain vs .InfGain	0.028136	7.526235
233	Gain vs .Lift	0.028136	7.526235
234	MultInf vs .Pearson	0.028819	7.579327
235	ColStr vs .MDisc	0.029515	7.733003
236	Klos vs .X2	0.029515	7.733003
237	RelRisk vs .Sup	0.029515	7.733003
238	Cover vs .Lap	0.033219	8.603775
239	Lap vs .Streng	0.034006	8.773524
240	ACC vs .X2	0.036462	9.370794
241	NetConf vs .X2	0.036462	9.370794
242	Jacc vs .Lap	0.039068	9.962381
243	Lap vs .SupDif	0.042787	10.868
244	Lap vs .WRACC	0.042787	10.868
245	Spec vs .Sup	0.047853	12.059051
246	Klos vs .Lap	0.050016	12.554115

247	RelRisk vs .X2	0.053414	13.300136
248	Cover vs .X2	0.055785	13.890429
249	Streng vs .X2	0.057003	14.136662
250	ACC vs .Lap	0.060789	15.014998
251	Lap vs .NetConf	0.060789	15.014998
252	ColStr vs .MultInf	0.062097	15.213801
253	Jacc vs .X2	0.064782	15.806898
254	Lap vs .OddsR	0.068989	16.764383
255	SupDif vs .X2	0.07044	17.046584
256	WRACC vs .X2	0.07044	17.046584
257	Cconf vs .ColStr	0.081314	19.515353
258	ColStr vs .Dep	0.081314	19.515353
259	ColStr vs .InfGain	0.081314	19.515353
260	ColStr vs .Lift	0.081314	19.515353
261	Cos vs .Lap	0.081314	19.515353
262	Brins vs .Lap	0.082973	19.515353
263	Cole vs .Lap	0.082973	19.515353
264	Conf vs .Lap	0.082973	19.515353
265	ExCex vs .Lap	0.082973	19.515353
266	GR vs .Lap	0.082973	19.515353
267	Lap vs .SeBag	0.082973	19.515353
268	Lap vs .Zhang	0.082973	19.515353
269	Spec vs .X2	0.082973	19.515353
270	Gain vs .MDisc	0.084659	19.515353
271	Lap vs .RelRisk	0.086374	19.520413
272	Pearson vs .Sup	0.088115	19.825979
273	Cover vs .Sup	0.095368	21.362526
274	Streng vs .Sup	0.097254	21.687738
275	Cconf vs .Lever	0.107136	23.784162
276	Dep vs .Lever	0.107136	23.784162
277	InfGain vs .Lever	0.107136	23.784162
278	Lever vs .Lift	0.107136	23.784162
279	Jacc vs .Sup	0.109204	23.806578
280	OddsR vs .X2	0.109204	23.806578
281	Sup vs .SupDif	0.117796	25.444025
282	Sup vs .WRACC	0.117796	25.444025
283	Cos vs .X2	0.12691	27.158736
284	Brins vs .X2	0.129272	27.534936
285	Cole vs .X2	0.129272	27.534936
286	Conf vs .X2	0.129272	27.534936
287	ExCex vs .X2	0.129272	27.534936
288	GR vs .X2	0.129272	27.534936
289	Lap vs .Spec	0.129272	27.534936
290	SeBag vs .X2	0.129272	27.534936
291	X2 vs .Zhang	0.129272	27.534936
292	Gain vs .Klos	0.136563	27.995447
293	Pearson vs .X2	0.144168	29.410202
294	Cconf vs .Pearson	0.154807	31.425762
295	Dep vs .Pearson	0.154807	31.425762
296	InfGain vs .Pearson	0.154807	31.425762

297	Lift vs .Pearson	0.154807	31.425762
298	Gain vs .MultInf	0.157557	31.425762
299	ACC vs .Gain	0.160345	31.748309
300	Gain vs .NetConf	0.160345	31.748309
301	ColStr vs .Sup	0.166032	32.542224
302	OddsR vs .Sup	0.174844	34.094665
303	Cos vs .Sup	0.200045	38.808741
304	Brins vs .Sup	0.203373	39.250944
305	Cole vs .Sup	0.203373	39.250944
306	Conf vs .Sup	0.203373	39.250944
307	ExCex vs .Sup	0.203373	39.250944
308	GR vs .Sup	0.203373	39.250944
309	SeBag vs .Sup	0.203373	39.250944
310	Sup vs .Zhang	0.203373	39.250944
311	Lap vs .MDisc	0.210149	39.250944
312	Gain vs .RelRisk	0.213597	39.515513
313	Lap vs .Pearson	0.213597	39.515513
314	Cover vs .MultInf	0.235148	43.032153
315	MultInf vs .Streng	0.238885	43.477042
316	Cconf vs .Spec	0.250345	45.312431
317	Dep vs .Spec	0.250345	45.312431
318	InfGain vs .Spec	0.250345	45.312431
319	Lift vs .Spec	0.250345	45.312431
320	ColStr vs .X2	0.254249	45.312431
321	Jacc vs .MultInf	0.262183	46.144288
322	MultInf vs .SupDif	0.278562	48.748268
323	MultInf vs .WRACC	0.278562	48.748268
324	Gain vs .Spec	0.295622	51.142644
325	ColStr vs .Klos	0.299994	51.599049
326	MDisc vs .X2	0.299994	51.599049
327	ACC vs .ColStr	0.341277	58.017083
328	Cconf vs .RelRisk	0.341277	58.017083
329	ColStr vs .NetConf	0.341277	58.017083
330	Dep vs .RelRisk	0.341277	58.017083
331	InfGain vs .RelRisk	0.341277	58.017083
332	Lift vs .RelRisk	0.341277	58.017083
333	Lap vs .MultInf	0.346079	58.017083
334	Gain vs .Sup	0.350923	58.017083
335	ColStr vs .Lap	0.35581	58.017083
336	Cover vs .MDisc	0.380885	61.322439
337	MultInf vs .OddsR	0.380885	61.322439
338	MDisc vs .Streng	0.386027	61.378274
339	Jacc vs .MDisc	0.417761	66.006243
340	Cos vs .MultInf	0.423196	66.441711
341	ACC vs .Cconf	0.428671	66.872733
342	ACC vs .Dep	0.428671	66.872733
343	ACC vs .InfGain	0.428671	66.872733
344	ACC vs .Lift	0.428671	66.872733
345	Brins vs .MultInf	0.428671	66.872733
346	Cconf vs .NetConf	0.428671	66.872733

347	Cole vs .MultInf	0.428671	66.872733
348	ColStr vs .RelRisk	0.428671	66.872733
349	Conf vs .MultInf	0.428671	66.872733
350	Dep vs .NetConf	0.428671	66.872733
351	ExCex vs .MultInf	0.428671	66.872733
352	GR vs .MultInf	0.428671	66.872733
353	InfGain vs .NetConf	0.428671	66.872733
354	Lift vs .NetConf	0.428671	66.872733
355	MDisc vs .Sup	0.428671	66.872733
356	MultInf vs .SeBag	0.428671	66.872733
357	MultInf vs .Zhang	0.428671	66.872733
358	Gain vs .Pearson	0.439746	66.872733
359	MDisc vs .SupDif	0.439746	66.872733
360	MDisc vs .WRACC	0.439746	66.872733
361	MultInf vs .X2	0.468138	66.872733
362	Klos vs .Pearson	0.473936	66.872733
363	Cconf vs .Klos	0.479773	66.872733
364	Dep vs .Klos	0.479773	66.872733
365	InfGain vs .Klos	0.479773	66.872733
366	Klos vs .Lift	0.479773	66.872733
367	Gain vs .X2	0.491564	66.872733
368	ACC vs .Pearson	0.527851	68.092822
369	NetConf vs .Pearson	0.527851	68.092822
370	ColStr vs .Spec	0.552779	70.20298
371	MDisc vs .OddsR	0.571847	72.052692
372	Cos vs .MDisc	0.624165	78.020635
373	Brins vs .MDisc	0.630848	78.225145
374	Cole vs .MDisc	0.630848	78.225145
375	Conf vs .MDisc	0.630848	78.225145
376	ExCex vs .MDisc	0.630848	78.225145
377	GR vs .MDisc	0.630848	78.225145
378	MDisc vs .SeBag	0.630848	78.225145
379	MDisc vs .Zhang	0.630848	78.225145
380	MultInf vs .Sup	0.630848	78.225145
381	Gain vs .Lap	0.637561	78.225145
382	Pearson vs .RelRisk	0.637561	78.225145
383	Lap vs .Sup	0.644304	78.225145
384	ColStr vs .Gain	0.651077	78.225145
385	Klos vs .Spec	0.657878	78.225145
386	Brins vs .Cover	0.692302	78.225145
387	Cole vs .Cover	0.692302	78.225145
388	Conf vs .Cover	0.692302	78.225145
389	Cover vs .ExCex	0.692302	78.225145
390	Cover vs .GR	0.692302	78.225145
391	Cover vs .SeBag	0.692302	78.225145
392	Cover vs .Zhang	0.692302	78.225145
393	Brins vs .Streng	0.699266	78.225145
394	Cole vs .Streng	0.699266	78.225145
395	Conf vs .Streng	0.699266	78.225145
396	Cos vs .Cover	0.699266	78.225145

397	ExCex vs .Streng	0.699266	78.225145
398	GR vs .Streng	0.699266	78.225145
399	SeBag vs .Streng	0.699266	78.225145
400	Streng vs .Zhang	0.699266	78.225145
401	Cos vs .Streng	0.706256	78.225145
402	ACC vs .Spec	0.72031	78.225145
403	NetConf vs .Spec	0.72031	78.225145
404	Brins vs .Jacc	0.741568	78.225145
405	Cole vs .Jacc	0.741568	78.225145
406	Conf vs .Jacc	0.741568	78.225145
407	ExCex vs .Jacc	0.741568	78.225145
408	GR vs .Jacc	0.741568	78.225145
409	Jacc vs .SeBag	0.741568	78.225145
410	Jacc vs .Zhang	0.741568	78.225145
411	ColStr vs .Pearson	0.748699	78.225145
412	Cos vs .Jacc	0.748699	78.225145
413	Cover vs .OddsR	0.755851	78.225145
414	MDisc vs .MultInf	0.755851	78.225145
415	OddsR vs .Streng	0.763025	78.225145
416	Brins vs .SupDif	0.770218	78.225145
417	Brins vs .WRACC	0.770218	78.225145
418	Cole vs .SupDif	0.770218	78.225145
419	Cole vs .WRACC	0.770218	78.225145
420	Conf vs .SupDif	0.770218	78.225145
421	Conf vs .WRACC	0.770218	78.225145
422	ExCex vs .SupDif	0.770218	78.225145
423	ExCex vs .WRACC	0.770218	78.225145
424	GR vs .SupDif	0.770218	78.225145
425	GR vs .WRACC	0.770218	78.225145
426	SeBag vs .SupDif	0.770218	78.225145
427	SeBag vs .WRACC	0.770218	78.225145
428	SupDif vs .Zhang	0.770218	78.225145
429	WRACC vs .Zhang	0.770218	78.225145
430	Cos vs .SupDif	0.777432	78.225145
431	Cos vs .WRACC	0.777432	78.225145
432	Pearson vs .Spec	0.784665	78.225145
433	Jacc vs .OddsR	0.806473	78.225145
434	Klos vs .RelRisk	0.806473	78.225145
435	Sup vs .X2	0.806473	78.225145
436	Lap vs .X2	0.828433	78.225145
437	OddsR vs .SupDif	0.835784	78.225145
438	OddsR vs .WRACC	0.835784	78.225145
439	RelRisk vs .Spec	0.843149	78.225145
440	ACC vs .RelRisk	0.872741	78.225145
441	NetConf vs .RelRisk	0.872741	78.225145
442	Cover vs .SupDif	0.917451	78.225145
443	Cover vs .WRACC	0.917451	78.225145
444	Streng vs .SupDif	0.924933	78.225145
445	Streng vs .WRACC	0.924933	78.225145
446	ACC vs .Klos	0.93242	78.225145

447	Brins vs .OddsR	0.93242	78.225145
448	Cole vs .OddsR	0.93242	78.225145
449	Conf vs .OddsR	0.93242	78.225145
450	ExCex vs .OddsR	0.93242	78.225145
451	GR vs .OddsR	0.93242	78.225145
452	Klos vs .NetConf	0.93242	78.225145
453	OddsR vs .SeBag	0.93242	78.225145
454	OddsR vs .Zhang	0.93242	78.225145
455	Cos vs .OddsR	0.939914	78.225145
456	Cover vs .Jacc	0.947413	78.225145
457	Jacc vs .Streng	0.954917	78.225145
458	Jacc vs .SupDif	0.969936	78.225145
459	Jacc vs .WRACC	0.969936	78.225145
460	Brins vs .Cos	0.992482	78.225145
461	Cole vs .Cos	0.992482	78.225145
462	Conf vs .Cos	0.992482	78.225145
463	Cos vs .ExCex	0.992482	78.225145
464	Cos vs .GR	0.992482	78.225145
465	Cos vs .SeBag	0.992482	78.225145
466	Cos vs .Zhang	0.992482	78.225145
467	Cover vs .Streng	0.992482	78.225145
468	ACC vs .NetConf	1	78.225145
469	Brins vs .Cole	1	78.225145
470	Brins vs .Conf	1	78.225145
471	Brins vs .ExCex	1	78.225145
472	Brins vs .GR	1	78.225145
473	Brins vs .SeBag	1	78.225145
474	Brins vs .Zhang	1	78.225145
475	Cconf vs .Dep	1	78.225145
476	Cconf vs .InfGain	1	78.225145
477	Cconf vs .Lift	1	78.225145
478	Cole vs .Conf	1	78.225145
479	Cole vs .ExCex	1	78.225145
480	Cole vs .GR	1	78.225145
481	Cole vs .SeBag	1	78.225145
482	Cole vs .Zhang	1	78.225145
483	Conf vs .ExCex	1	78.225145
484	Conf vs .GR	1	78.225145
485	Conf vs .SeBag	1	78.225145
486	Conf vs .Zhang	1	78.225145
487	Dep vs .InfGain	1	78.225145
488	Dep vs .Lift	1	78.225145
489	ExCex vs .GR	1	78.225145
490	ExCex vs .SeBag	1	78.225145
491	ExCex vs .Zhang	1	78.225145
492	GR vs .SeBag	1	78.225145
493	GR vs .Zhang	1	78.225145
494	InfGain vs .Lift	1	78.225145
495	SeBag vs .Zhang	1	78.225145

496	SupDif vs .WRACC	1	78.225145

Table 4: Adjusted p-values