Wilcoxon Signed Ranks test.

KEEL non-parametric statistical module

May 9, 2011
Table 1: Ranks computed by the Wilcoxon test
|          | MI (3) | MI (4) | MI (5) | MI (6) | MI (7) | MI (8) | MI (9) | MI (10) | MI (11) | MI (12) | MI (13) | MI (14) | MI (15) | MI (16) | MI (17) | MI (18) | MI (19) | MI (20) | MI (21) | MI (22) | MI (23) | MI (24) | MI (25) | MI (26) | MI (27) | MI (28) | MI (29) |
|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Auto3 (30) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| Kussin (31) | •       | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| CRISP (32) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| CAMI (33) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| CHM (34)  | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| Khiops (35) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| Modi 2 (36) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| Modi 1 (37) | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| MVD (38)  | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |
| USD (39)  | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      | •      |

Table 2: Summary of the Wilcoxon test. • = the method in the row improves the method of the column. ○ = the method in the column improves the method of the row. Upper diagonal of level significance $\alpha = 0.9$, Lower diagonal level of significance $\alpha = 0.95$.
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<th>α = 0.95</th>
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Table 3: Wilcoxon test summary results