Wilcoxon Signed Ranks test.

KEEL non-parametric statistical module

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	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SVRCC (1)	-	224.0	239.0	242.0	238.0	250.0	229.0	221.0	297.0	266.5
MORF (2)	76.0	-	151.0	191.0	171.5	190.0	151.0	130.0	105.0	97.0
ST (3)	61.0	149.0	-	166.0	171.0	224.0	143.5	97.0	94.5	76.0
MTS (4)	58.0	109.0	134.0	-	152.0	188.0	107.5	107.0	88.0	75.0
MTSC (5)	62.0	128.5	105.0	148.0	-	174.0	83.5	31.0	92.0	76.0
RC (6)	50.0	110.0	76.0	112.0	126.0	-	58.5	88.0	72.0	60.0
ERC (7)	71.0	149.0	156.5	168.5	192.5	217.5	-	118.0	96.0	81.0
ERCC (8)	79.0	170.0	203.0	193.0	245.0	212.0	182.0	-	110.0	91.0
SVR (9)	3.0	195.0	205.5	212.0	208.0	228.0	204.0	190.0	-	51.0
SVRRC (10)	33.5	203.0	224.0	225.0	224.0	240.0	219.0	209.0	249.0	-

Table 1: Ranks computed by the Wilcoxon test

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
SVRCC (1)	-	●	●	●	●	●	●	●	●	●
MORF (2)	○	-								
ST (3)	○		-			●				○
MTS (4)	○			-					○	○
MTSC (5)	○				-			○		○
RC (6)	○		○			-	○	○	○	○
ERC (7)	○					●	-			○
ERCC (8)	○				●	●		-		○
SVR (9)	○			●	●	●			-	○
SVRRC (10)	○		●	●	●	●	●		●	-

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 $\alpha = 0.95$

Method	$\alpha = 0.9$		$\alpha = 0.95$	
	+	±	+	±
SVRCC	9	9	9	9
MORF	0	8	0	8
ST	1	7	1	7
MTS	0	6	0	7
MTSC	0	6	0	6
RC	0	3	0	4
ERC	1	7	1	7
ERCC	2	7	1	8
SVR	2	7	1	7
SVRRC	7	8	6	8

Table 3: Wilcoxon test summary results