

Output tables for 1xN statistical comparisons.

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1 Average rankings of Friedman test

Average ranks obtained by each method in the Friedman test.

Algorithm	Ranking
SVRCC	2.5417
MORF	7.3333
ST	5.7708
MTS	5.8125
MTSC	6.0625
RC	7.625
ERC	6.0208
ERCC	4.8542
SVR	5.0625
SVRRC	3.9167

Table 1: Average Rankings of the algorithms (Friedman)

Friedman statistic (distributed according to chi-square with 9 degrees of freedom): 53.679545.  
P-value computed by Friedman Test: 0.

Iman and Davenport statistic (distributed according to F-distribution with 9 and 207 degrees of freedom): 7.606124.  
P-value computed by Iman and Davenport Test: 0.000000001275.

## 2 Post hoc comparison (Friedman)

P-values obtained in by applying post hoc methods over the results of Friedman procedure.

$i$	algorithm	$z = (R_0 - R_i)/SE$	$p$	Holm
9	RC	5.816122	0	0.005556
8	MORF	5.48241	0	0.00625
7	MTSC	4.028379	0.000056	0.007143
6	ERC	3.980706	0.000069	0.008333
5	MTS	3.742341	0.000182	0.01
4	ST	3.694668	0.00022	0.0125
3	SVR	2.884224	0.003924	0.016667
2	ERCC	2.645859	0.008148	0.025
1	SVRRC	1.573213	0.115669	0.05

Table 2: Post Hoc comparison Table for  $\alpha = 0.05$  (FRIEDMAN)

Bonferroni-Dunn's procedure rejects those hypotheses that have an unadjusted p-value  $\leq 0.005556$ .  
Holm's procedure rejects those hypotheses that have an unadjusted p-value  $\leq 0.05$ .

### 3 Adjusted P-Values (Friedman)

Adjusted P-values obtained through the application of the post hoc methods (Friedman).

i	algorithm	unadjusted $p$	$p_{Bonf}$	$p_{Holm}$
1	RC	0	0	0
2	MORF	0	0	0
3	MTSC	0.000056	0.000505	0.000393
4	ERC	0.000069	0.000618	0.000412
5	MTS	0.000182	0.001641	0.000912
6	ST	0.00022	0.001982	0.000912
7	SVR	0.003924	0.035314	0.011771
8	ERCC	0.008148	0.073335	0.016297
9	SVRRC	0.115669	1.041025	0.115669

Table 3: Adjusted  $p$ -values (FRIEDMAN) (I)

i	algorithm	unadjusted $p$
1	RC	0
2	MORF	0
3	MTSC	0.000056
4	ERC	0.000069
5	MTS	0.000182
6	ST	0.00022
7	SVR	0.003924
8	ERCC	0.008148
9	SVRRC	0.115669

Table 4: Adjusted  $p$ -values (FRIEDMAN) (II)