

# 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
brm	2.0684
gmm	1.7368
isorf	2.8105
ocsvm	3.3842

Table 1: Average Rankings of the algorithms (Friedman)

Friedman statistic (distributed according to chi-square with 3 degrees of freedom): 93.874737.  
P-value computed by Friedman Test: 0.

## 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
3	ocsvm	8.794541	0	0.016667
2	isorf	5.731905	0	0.025
1	brm	1.770147	0.076703	0.05

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

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 $p$	$p_{Holm}$
1	ocsvm	0	0
2	isorf	0	0
3	brm	0.076703	0.076703

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

i	algorithm	unadjusted $p$
1	ocsvm	0
2	isorf	0
3	brm	0.076703

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