

Observed means Method

Dependent	Method	Observed means	Std. deviation	Std. error	N
Performance	1	2	1	0.44721	5
	2	3	1.87083	0.83666	5
	3	7	2	0.89443	5
	4	4	1.41421	0.63246	5

Levene Test for Equality of Variances

	F	df1	df2	p
Performance	0.73563	3	16	0.546

Between subjects effects

Effect	Dependent	Type III sum of squares	df	Mean squares	F	p	Eta ²	Partial eta ²	Noncent. parameter	Observed power
Method	Performance	70	3	23.33333	8.88889	0.001	0.625	0.625	26.66667	0.97895
Error	Performance	42	16	2.625						
Total	Performance	112	19							

ANOVA type III model corrects every effect against all other effects

Tukey post-hoc test observed means Method

Dependent	(I) Method	(J) Method	Mean difference (I-J)	Std. error	5% Diff.Crit. Tukey HSD	1% Diff.Crit. Tukey HSD	p	Sig.
Performance	1	2	1	1.0247	2.9463	3.76674	0.765	
	1	3	5	1.0247	2.9463	3.76674	0.001	**
	1	4	2	1.0247	2.9463	3.76674	0.247	
	2	3	4	1.0247	2.9463	3.76674	0.006	**
	2	4	1	1.0247	2.9463	3.76674	0.765	
	3	4	3	1.0247	2.9463	3.76674	0.044	*

Performance: Mean square error: 2.625
* p<0.05 ** p<0.01**Scheffe post-hoc test observed means Method**

Dependent	(I) Method	(J) Method	Mean difference (I-J)	Std. error	5% Diff.Crit. Scheffe	1% Diff.Crit. Scheffe	p	Sig.
Performance	1	2	1	1.0247	3.19413	4.08295	0.813	
	1	3	5	1.0247	3.19413	4.08295	0.002	**
	1	4	2	1.0247	3.19413	4.08295	0.318	
	2	3	4	1.0247	3.19413	4.08295	0.012	*
	2	4	1	1.0247	3.19413	4.08295	0.813	
	3	4	3	1.0247	3.19413	4.08295	0.07	

Performance: Mean square error: 2.625
* p<0.05 ** p<0.01