

## General Linear Model

[DataSet5] C:\Users\mack\Desktop\Scott-new\Book2ndEdition\SPSS\anova-ex2.sav

### Within-Subjects Factors

Measure: TaskCompletionTime

Method	Dependent Variable
1	A
2	B

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df	Sig.
Method	Pillai's Trace	.065	.626 <sup>b</sup>	1.000	9.000	.449
	Wilks' Lambda	.935	.626 <sup>b</sup>	1.000	9.000	.449
	Hotelling's Trace	.070	.626 <sup>b</sup>	1.000	9.000	.449
	Roy's Largest Root	.070	.626 <sup>b</sup>	1.000	9.000	.449

a. Design: Intercept  
Within Subjects Design: Method

b. Exact statistic

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: TaskCompletionTime

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup> Greenhouse-Geisser
Method	1.000	.000	0	.	1.000

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: TaskCompletionTime

Within Subjects Effect	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Method	1.000	1.000

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

- a. Design: Intercept  
Within Subjects Design: Method
- b. May be used to adjust the degrees of freedom for the averaged tests of significance. Corrected tests are displayed in the Tests of Within-Subjects Effects table.

### Tests of Within-Subjects Effects

Measure: TaskCompletionTime

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Method	Sphericity Assumed	4.324	1	4.324	.626	.449
	Greenhouse-Geisser	4.324	1.000	4.324	.626	.449
	Huynh-Feldt	4.324	1.000	4.324	.626	.449
	Lower-bound	4.324	1.000	4.324	.626	.449
Error(Method)	Sphericity Assumed	62.140	9	6.904		
	Greenhouse-Geisser	62.140	9.000	6.904		
	Huynh-Feldt	62.140	9.000	6.904		
	Lower-bound	62.140	9.000	6.904		

### Tests of Within-Subjects Contrasts

Measure: TaskCompletionTime

Source	Method	Type III Sum of Squares	df	Mean Square	F	Sig.
Method	Linear	4.324	1	4.324	.626	.449
Error(Method)	Linear	62.140	9	6.904		

### Tests of Between-Subjects Effects

Measure: TaskCompletionTime

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	495.012	1	495.012	119.208	.000
Error	37.373	9	4.153		