

General Linear Model

[DataSet6] C:\Users\mack\Desktop\Scott-new\Book2ndEdition\SPSS\dix-example-10x2.sav

Within-Subjects Factors

Measure: TaskCompletionTime

IconDesign	Dependent Variable	
	1	2
	Natural	Abstract

Multivariate Tests<sup>a</sup>

Effect	Value	F	Hypothesis df	Error df	Sig.
IconDesign	Pillai's Trace	.788	33.359 <sup>b</sup>	1.000	9.000
	Wilks' Lambda	.212	33.359 <sup>b</sup>	1.000	9.000
	Hotelling's Trace	3.707	33.359 <sup>b</sup>	1.000	9.000
	Roy's Largest Root	3.707	33.359 <sup>b</sup>	1.000	9.000

- a. Design: Intercept  
Within Subjects Design: IconDesign
- b. Exact statistic

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

Measure: TaskCompletionTime

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Greenhouse-Geisser	Epsilon <sup>b</sup> Huynh-Feldt	Lower-bound
IconDesign	1.000	.000	0	.	1.000	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: IconDesign

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.
IconDesign					
Sphericity Assumed	13833.800	1	13833.800	33.359	.000
Greenhouse-Geisser	13833.800	1.000	13833.800	33.359	.000
Huynh-Feldt	13833.800	1.000	13833.800	33.359	.000
Lower-bound	13833.800	1.000	13833.800	33.359	.000
Error(IconDesign)					
Sphericity Assumed	3732.200	9	414.689		
Greenhouse-Geisser	3732.200	9.000	414.689		
Huynh-Feldt	3732.200	9.000	414.689		
Lower-bound	3732.200	9.000	414.689		

### Tests of Within-Subjects Contrasts

Measure: TaskCompletionTime

Source	IconDesign	Type III Sum of Squares	df	Mean Square	F	Sig.
IconDesign	Linear	13833.800	1	13833.800	33.359	.000
Error(IconDesign)	Linear	3732.200	9	414.689		

### Tests of Between-Subjects Effects

Measure: TaskCompletionTime

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	10483520.00	1	10483520.00	76.616	.000
Error	1231492.000	9	136832.444		