

Data written to the working file.  
6 variables and 12 cases written.

Variable: V1	Type: Number	Format : F2
Variable: V2	Type: Number	Format : F2
Variable: V3	Type: Number	Format : F2
Variable: V4	Type: Number	Format : F2
Variable: V5	Type: Number	Format : F2
Variable: V6	Type: Number	Format : F2

Substitute the following to build syntax for these data.

```

/VARIABLES=
V1 F2
V2 F2
V3 F2
V4 F2
V5 F2
V6 F2

```

General Linear Model

[DataSet1]

Within-Subjects Factors

Measure: MEASURE_1			Dependent Variable
Input_method	Task	Variable	
1	1	V1	
	2	V2	
2	1	V3	
	2	V4	
3	1	V5	
	2	V6	

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

Effect		Value	F	Hypothesis df	Error df	Sig.
Input_method	Pillai's Trace	.437	3.876 <sup>b</sup>	2.000	10.000	.057
	Wilks' Lambda	.563	3.876 <sup>b</sup>	2.000	10.000	.057
	Hotelling's Trace	.775	3.876 <sup>b</sup>	2.000	10.000	.057
	Roy's Largest Root	.775	3.876 <sup>b</sup>	2.000	10.000	.057
Task	Pillai's Trace	.007	.076 <sup>b</sup>	1.000	11.000	.787
	Wilks' Lambda	.993	.076 <sup>b</sup>	1.000	11.000	.787
	Hotelling's Trace	.007	.076 <sup>b</sup>	1.000	11.000	.787
	Roy's Largest Root	.007	.076 <sup>b</sup>	1.000	11.000	.787
Input_method * Task	Pillai's Trace	.486	4.737 <sup>b</sup>	2.000	10.000	.036
	Wilks' Lambda	.514	4.737 <sup>b</sup>	2.000	10.000	.036
	Hotelling's Trace	.947	4.737 <sup>b</sup>	2.000	10.000	.036
	Roy's Largest Root	.947	4.737 <sup>b</sup>	2.000	10.000	.036

a. Design: Intercept

Within Subjects Design: Input\_method + Task + Input\_method \* Task

b. Exact statistic

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

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Greenhouse-Geisser	Epsilon <sup>b</sup> Huynh-Feldt	Lower-bound
Input_method	.832	1.837	2	.399	.856	.999	.500
Task	1.000	.000	0	.	1.000	1.000	1.000
Input_method * Task	.912	.921	2	.631	.919	1.000	.500

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: Input\_method + Task + Input\_method \* Task

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: MEASURE\_1

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Input_method					
Sphericity Assumed	121.028	2	60.514	5.865	.009
Greenhouse-Geisser	121.028	1.713	70.671	5.865	.013
Huynh-Feldt	121.028	1.997	60.593	5.865	.009
Lower-bound	121.028	1.000	121.028	5.865	.034
Error(Input_method)					
Sphericity Assumed	226.972	22	10.317		
Greenhouse-Geisser	226.972	18.838	12.049		
Huynh-Feldt	226.972	21.971	10.330		
Lower-bound	226.972	11.000	20.634		
Task					
Sphericity Assumed	.889	1	.889	.076	.787
Greenhouse-Geisser	.889	1.000	.889	.076	.787

# Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Huynh-Feldt	.889	1.000	.889	.076	.787
	.889	1.000	.889	.076	.787
Error(Task)	128.111	11	11.646		
	128.111	11.000	11.646		
	128.111	11.000	11.646		
	128.111	11.000	11.646		
Input_method * Task	121.028	2	60.514	5.435	.012
	121.028	1.838	65.839	5.435	.015
	121.028	2.000	60.514	5.435	.012
	121.028	1.000	121.028	5.435	.040
Error(Input_method*Task)	244.972	22	11.135		
	244.972	20.221	12.115		
	244.972	22.000	11.135		
	244.972	11.000	22.270		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Input_method	Task	Type III Sum of Squares	df	Mean Square	F	Sig.
Input_method	Linear		120.333	1	120.333	8.290	.015
	Quadratic		.694	1	.694	.113	.743
Error(Input_method)	Linear		159.667	11	14.515		
	Quadratic		67.306	11	6.119		
Task		Linear	.889	1	.889	.076	.787
Error(Task)		Linear	128.111	11	11.646		
Input_method * Task	Linear	Linear	120.333	1	120.333	9.278	.011
	Quadratic	Linear	.694	1	.694	.075	.790
Error(Input_method*Task)	Linear	Linear	142.667	11	12.970		
	Quadratic	Linear	102.306	11	9.301		

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	17174.222	1	17174.222	1401.688	<.001
Error	134.778	11	12.253		