

```

NEW FILE.
DATASET NAME DataSet1 WINDOW=FRONT.
GLM EAF EAnF EHF EHnF
  /WSFACTOR=Effector 2 Polynomial Feedback 2 Polynomial
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Effector*Feedback)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Effector)
  /EMMEANS=TABLES(Feedback)
  /EMMEANS=TABLES(Effector*Feedback)
  /PRINT=DESCRIPTIVE ETASQ
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=Effector Feedback Effector*Feedback.

```

General Linear Model

Notes

Output Created	16-JUN-2020 19:10:26	
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	7
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax	GLM EAF EAnF EHF EHnF /WSFACTOR=Effector 2 Polynomial Feedback 2 Polynomial /METHOD=SSTYPE(3) /PLOT=PROFILE (Effector*Feedback) /EMMEANS=TABLES(OVERALL) /EMMEANS=TABLES(Effector) /EMMEANS=TABLES(Feedback) /EMMEANS=TABLES (Effector*Feedback) /PRINT=DESCRIPTIVE ETASQ /CRITERIA=ALPHA(.05) /WSDESIGN=Effector Feedback Effector*Feedback.	

Notes

Resources	Processor Time	00:00:01.64
	Elapsed Time	00:00:07.37

[DataSet1]

Within-Subjects Factors

Measure: MEASURE_1

Effector	Feedback	Dependent Variable
1	1	EAF
	2	EAnF
2	1	EHF
	2	EHnF

Descriptive Statistics

	Mean	Std. Deviation	N
EAF	10.4270	4.04727	7
EAnF	23.7938	15.27182	7
EHF	10.8225	4.79009	7
EHnF	25.9609	12.98973	7

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Effector	Pillai's Trace	.232	1.814 ^b	1.000	6.000	.227	.232
	Wilks' Lambda	.768	1.814 ^b	1.000	6.000	.227	.232
	Hotelling's Trace	.302	1.814 ^b	1.000	6.000	.227	.232
	Roy's Largest Root	.302	1.814 ^b	1.000	6.000	.227	.232
Feedback	Pillai's Trace	.666	11.983 ^b	1.000	6.000	.013	.666
	Wilks' Lambda	.334	11.983 ^b	1.000	6.000	.013	.666
	Hotelling's Trace	1.997	11.983 ^b	1.000	6.000	.013	.666
	Roy's Largest Root	1.997	11.983 ^b	1.000	6.000	.013	.666
Effector * Feedback	Pillai's Trace	.101	.677 ^b	1.000	6.000	.442	.101
	Wilks' Lambda	.899	.677 ^b	1.000	6.000	.442	.101
	Hotelling's Trace	.113	.677 ^b	1.000	6.000	.442	.101
	Roy's Largest Root	.113	.677 ^b	1.000	6.000	.442	.101

a. Design: Intercept
Within Subjects Design: Effector + Feedback + Effector * Feedback

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Effector	1.000	.000	0	.	1.000	1.000	1.000
Feedback	1.000	.000	0	.	1.000	1.000	1.000
Effector * Feedback	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: Effector + Feedback + Effector * Feedback

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.	Partial Eta Squared
Effector	Sphericity Assumed	11.492	1	11.492	1.814	.227	.232
	Greenhouse-Geisser	11.492	1.000	11.492	1.814	.227	.232
	Huynh-Feldt	11.492	1.000	11.492	1.814	.227	.232
	Lower-bound	11.492	1.000	11.492	1.814	.227	.232
Error(Effector)	Sphericity Assumed	38.012	6	6.335			
	Greenhouse-Geisser	38.012	6.000	6.335			
	Huynh-Feldt	38.012	6.000	6.335			
	Lower-bound	38.012	6.000	6.335			
Feedback	Sphericity Assumed	1421.953	1	1421.953	11.983	.013	.666
	Greenhouse-Geisser	1421.953	1.000	1421.953	11.983	.013	.666
	Huynh-Feldt	1421.953	1.000	1421.953	11.983	.013	.666
	Lower-bound	1421.953	1.000	1421.953	11.983	.013	.666
Error(Feedback)	Sphericity Assumed	712.010	6	118.668			
	Greenhouse-Geisser	712.010	6.000	118.668			
	Huynh-Feldt	712.010	6.000	118.668			
	Lower-bound	712.010	6.000	118.668			
Effector * Feedback	Sphericity Assumed	5.492	1	5.492	.677	.442	.101
	Greenhouse-Geisser	5.492	1.000	5.492	.677	.442	.101
	Huynh-Feldt	5.492	1.000	5.492	.677	.442	.101
	Lower-bound	5.492	1.000	5.492	.677	.442	.101
Error(Effector*Feedback)	Sphericity Assumed	48.646	6	8.108			
	Greenhouse-Geisser	48.646	6.000	8.108			
	Huynh-Feldt	48.646	6.000	8.108			
	Lower-bound	48.646	6.000	8.108			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Effector	Feedback	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Effector	Linear		11.492	1	11.492	1.814	.227	.232
Error(Effector)	Linear		38.012	6	6.335			
Feedback		Linear	1421.953	1	1421.953	11.983	.013	.666
Error(Feedback)		Linear	712.010	6	118.668			
Effector * Feedback	Linear	Linear	5.492	1	5.492	.677	.442	.101
Error(Effector*Feedback)	Linear	Linear	48.646	6	8.108			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	8822.768	1	8822.768	28.629	.002	.827
Error	1849.053	6	308.176			

Estimated Marginal Means

1. Grand Mean

Measure: MEASURE_1

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
17.751	3.318	9.633	25.869

2. Effector

Measure: MEASURE_1

Effector	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	17.110	3.497	8.554	25.667
2	18.392	3.199	10.563	26.220

3. Feedback

Measure: MEASURE_1

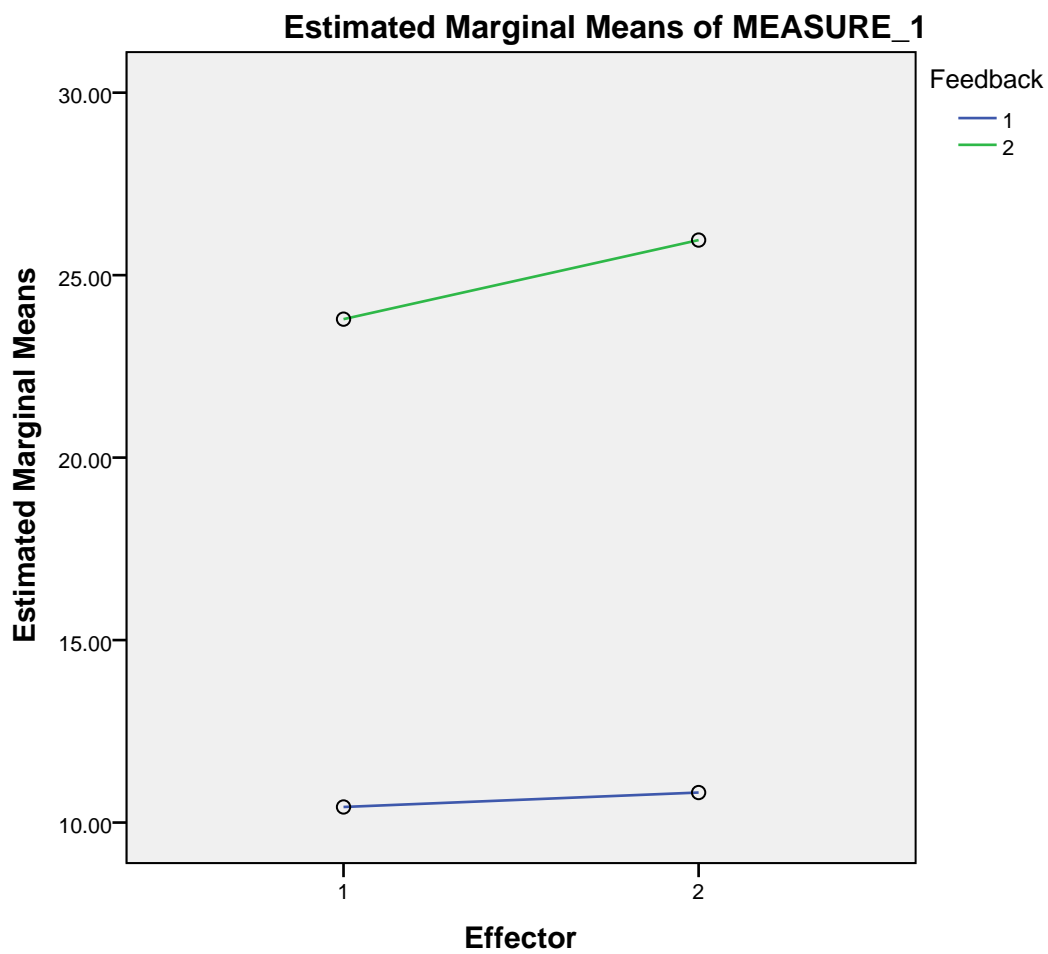
Feedback	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	10.625	1.661	6.561	14.689
2	24.877	5.266	11.992	37.763

4. Effector * Feedback

Measure: MEASURE_1

Effector	Feedback	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	10.427	1.530	6.684	14.170
	2	23.794	5.772	9.670	37.918
2	1	10.822	1.810	6.392	15.253
	2	25.961	4.910	13.947	37.974

Profile Plots



SAVE OUTFILE='C:\Users\Jack Schultz\Desktop\EyeHandCoordinationExperiment.sav'

'

/COMPRESSED.