```
GLM Offset1 Offset2 Offset3 Offset4 Offset5
  /WSFACTOR=Offset 5 Polynomial
  /MEASURE=Response
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Offset)
  /EMMEANS=TABLES(Offset) COMPARE ADJ(BONFERRONI)
  /PRINT=DESCRIPTIVE ETASQ
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=Offset.
```

General Linear Model

Notes

Output Created		14-NOV-2018 11:43:18
Comments		
Input	Data	\\files\users\kkillebrew\Desktop\Freqtag\RM_ANOVA_FT_ORI_LEFT.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	12
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 Offset1 Offset2 Offset3 Offset4 Offset5 /WSFACTOR=Offset 5 Polynomial /MEASURE=Response /METHOD=SSTYPE(3) /PLOT=PROFILE(Offset) /EMMEANS=TABLES (Offset) COMPARE ADJ (BONFERRONI) /PRINT=DESCRIPTIVE ETASQ /CRITERIA=ALPHA(.05) /WSDESIGN=Offset.

Notes

Resources	Processor Time	00:00:00.16
	Elapsed Time	00:00:00.15

Within-Subjects Factors

Measure: Response

Offset	Dependent Variable
1	Offset1
2	Offset2
3	Offset3
4	Offset4
5	Offset5

Descriptive Statistics

	Mean	Std. Deviation	N
Offset1	2.3500	.28762	12
Offset2	2.3000	.36680	12
Offset3	2.4333	.40527	12
Offset4	2.2250	.34411	12
Offset5	2.3667	.33121	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.263	.712[b]	4.000	8.000	.606
	Wilks' Lambda	.737	.712[b]	4.000	8.000	.606
	Hotelling's Trace	.356	.712[b]	4.000	8.000	.606
	Roy's Largest Root	.356	.712[b]	4.000	8.000	.606

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.263
	Wilks' Lambda	.263
	Hotelling's Trace	.263
	Roy's Largest Root	.263

a. Design: Intercept
Within Subjects Design: Offset

b. Exact statistic

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[b] Greenhouse-Geisser
Offset	.346	10.002	9	.358	.665

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.897	.250

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: Offset

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: Response

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Offset	Sphericity Assumed	.291	4	.073	1.000	.418
	Greenhouse-Geisser	.291	2.661	.109	1.000	.399
	Huynh-Feldt	.291	3.590	.081	1.000	.413
	Lower-bound	.291	1.000	.291	1.000	.339
Error(Offset)	Sphericity Assumed	3.197	44	.073		
	Greenhouse-Geisser	3.197	29.274	.109		
	Huynh-Feldt	3.197	39.489	.081		
	Lower-bound	3.197	11.000	.291		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.083
	Greenhouse-Geisser	.083
	Huynh-Feldt	.083
	Lower-bound	.083
Error(Offset)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Type III Sum of Squares	df	Mean Square	F	Sig.
Offset	Linear	.002	1	.002	.036	.854
	Quadratic	.001	1	.001	.020	.889
	Cubic	.033	1	.033	.567	.467
	Order 4	.254	1	.254	2.518	.141
Error(Offset)	Linear	.643	11	.058		
	Quadratic	.799	11	.073		
	Cubic	.647	11	.059		
	Order 4	1.109	11	.101		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.003
	Quadratic	.002
	Cubic	.049
	Order 4	.186
Error(Offset)	Linear	
	Quadratic	
	Cubic	
	Order 4	

Tests of Between-Subjects Effects

Measure: Response

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	327.133	1	327.133	1025.643	.000	.989
Error	3.509	11	.319			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.350	.083	2.167	2.533
2	2.300	.106	2.067	2.533
3	2.433	.117	2.176	2.691
4	2.225	.099	2.006	2.444
5	2.367	.096	2.156	2.577

Pairwise Comparisons

Measure: Response

(I) Offset	(J) Offset	Mean Difference (I-J)	Std. Error	Sig.[a]	95% Confidence Interval for Difference[a]	
					Lower Bound	Upper Bound
1	2	.050	.079	1.000	-.227	.327
	3	-.083	.089	1.000	-.393	.227
	4	.125	.101	1.000	-.228	.478
	5	-.017	.095	1.000	-.350	.316
2	1	-.050	.079	1.000	-.327	.227
	3	-.133	.114	1.000	-.533	.267
	4	.075	.102	1.000	-.283	.433
	5	-.067	.094	1.000	-.395	.262
3	1	.083	.089	1.000	-.227	.393
	2	.133	.114	1.000	-.267	.533
	4	.208	.143	1.000	-.291	.707
	5	.067	.152	1.000	-.466	.600
4	1	-.125	.101	1.000	-.478	.228
	2	-.075	.102	1.000	-.433	.283
	3	-.208	.143	1.000	-.707	.291
	5	-.142	.108	1.000	-.520	.237
5	1	.017	.095	1.000	-.316	.350
	2	.067	.094	1.000	-.262	.395
	3	-.067	.152	1.000	-.600	.466
	4	.142	.108	1.000	-.237	.520

Based on estimated marginal means

a. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.263	.712[a]	4.000	8.000	.606	.263
Wilks' lambda	.737	.712[a]	4.000	8.000	.606	.263
Hotelling's trace	.356	.712[a]	4.000	8.000	.606	.263
Roy's largest root	.356	.712[a]	4.000	8.000	.606	.263

Each F tests the multivariate effect of Offset. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic

Profile Plots