```
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 11:17:11
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	00:00:00.20
	Elapsed Time	00:00:00.17

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	1.9667	.29336	12
Offset2	2.2333	.42068	12
Offset3	2.3250	.36463	12
Offset4	2.4250	.30785	12
Offset5	2.7667	.42711	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.829	9.697[b]	4.000	8.000	.004
	Wilks' Lambda	.171	9.697[b]	4.000	8.000	.004
	Hotelling's Trace	4.848	9.697[b]	4.000	8.000	.004
	Roy's Largest Root	4.848	9.697[b]	4.000	8.000	.004

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.829
	Wilks' Lambda	.829
	Hotelling's Trace	.829
	Roy's Largest Root	.829

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	.384	9.004	9	.444	.652

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.873	.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	4.082	4	1.021	8.144	.000
	Greenhouse-Geisser	4.082	2.609	1.565	8.144	.001
	Huynh-Feldt	4.082	3.493	1.169	8.144	.000
	Lower-bound	4.082	1.000	4.082	8.144	.016
Error(Offset)	Sphericity Assumed	5.514	44	.125		
	Greenhouse-Geisser	5.514	28.697	.192		
	Huynh-Feldt	5.514	38.418	.144		
	Lower-bound	5.514	11.000	.501		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.425
	Greenhouse-Geisser	.425
	Huynh-Feldt	.425
	Lower-bound	.425
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	3.852	1	3.852	24.651	.000
	Quadratic	.021	1	.021	.165	.692
	Cubic	.208	1	.208	2.844	.120
	Order 4	.000	1	.000	.003	.957
Error(Offset)	Linear	1.719	11	.156		
	Quadratic	1.429	11	.130		
	Cubic	.806	11	.073		
	Order 4	1.560	11	.142		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.691
	Quadratic	.015
	Cubic	.205
	Order 4	.000
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	329.473	1	329.473	1916.214	.000	.994
Error	1.891	11	.172			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	1.967	.085	1.780	2.153
2	2.233	.121	1.966	2.501
3	2.325	.105	2.093	2.557
4	2.425	.089	2.229	2.621
5	2.767	.123	2.495	3.038

Pairwise Comparisons

Measure: Response

(I) Offset	(J) Offset	Mean Difference (I-J)	Std. Error	Sig.[b]	95% Confidence Interval for Difference[b]	
					Lower Bound	Upper Bound
1	2	-.267	.134	.729	-.737	.204
	3	-.358	.126	.162	-.800	.084
	4	-.458*	.098	.007	-.801	-.115
	5	-.800*	.132	.001	-1.262	-.338
2	1	.267	.134	.729	-.204	.737
	3	-.092	.171	1.000	-.689	.505
	4	-.192	.144	1.000	-.696	.313
	5	-.533	.213	.295	-1.279	.213
3	1	.358	.126	.162	-.084	.800
	2	.092	.171	1.000	-.505	.689
	4	-.100	.119	1.000	-.515	.315
	5	-.442	.145	.111	-.948	.065
4	1	.458*	.098	.007	.115	.801
	2	.192	.144	1.000	-.313	.696
	3	.100	.119	1.000	-.315	.515
	5	-.342	.131	.244	-.800	.117
5	1	.800*	.132	.001	.338	1.262
	2	.533	.213	.295	-.213	1.279
	3	.442	.145	.111	-.065	.948
	4	.342	.131	.244	-.117	.800

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Bonferroni.

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.829	9.697[a]	4.000	8.000	.004	.829
Wilks' lambda	.171	9.697[a]	4.000	8.000	.004	.829
Hotelling's trace	4.848	9.697[a]	4.000	8.000	.004	.829
Roy's largest root	4.848	9.697[a]	4.000	8.000	.004	.829

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