```
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 14:40:10
Comments		
Input	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.
Resources	Processor Time	00:00:00.17
	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	2.3708	.18885	12
Offset2	2.3125	.25506	12
Offset3	2.3125	.27808	12
Offset4	2.3250	.26586	12
Offset5	2.3750	.30113	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.267	.729[b]	4.000	8.000	.596
	Wilks' Lambda	.733	.729[b]	4.000	8.000	.596
	Hotelling's Trace	.365	.729[b]	4.000	8.000	.596
	Roy's Largest Root	.365	.729[b]	4.000	8.000	.596

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.267
	Wilks' Lambda	.267
	Hotelling's Trace	.267
	Roy's Largest Root	.267

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	.226	13.987	9	.128	.634

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.840	.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	.047	4	.012	.307	.872
	Greenhouse-Geisser	.047	2.537	.018	.307	.787
	Huynh-Feldt	.047	3.361	.014	.307	.841
	Lower-bound	.047	1.000	.047	.307	.590
Error(Offset)	Sphericity Assumed	1.679	44	.038		
	Greenhouse-Geisser	1.679	27.907	.060		
	Huynh-Feldt	1.679	36.972	.045		
	Lower-bound	1.679	11.000	.153		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.027
	Greenhouse-Geisser	.027
	Huynh-Feldt	.027
	Lower-bound	.027
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	.001	1	.001	.017	.900
	Quadratic	.045	1	.045	2.352	.153
	Cubic	.001	1	.001	.009	.925
	Order 4	.001	1	.001	.018	.894
Error(Offset)	Linear	.343	11	.031		
	Quadratic	.211	11	.019		
	Cubic	.613	11	.056		
	Order 4	.512	11	.047		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.002
	Quadratic	.176
	Cubic	.001
	Order 4	.002
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	328.302	1	328.302	1757.798	.000	.994
Error	2.054	11	.187			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.371	.055	2.251	2.491
2	2.312	.074	2.150	2.475
3	2.312	.080	2.136	2.489
4	2.325	.077	2.156	2.494
5	2.375	.087	2.184	2.566

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	.058	.058	1.000	-.144	.261
	3	.058	.064	1.000	-.165	.282
	4	.046	.069	1.000	-.194	.286
	5	-.004	.081	1.000	-.288	.279
2	1	-.058	.058	1.000	-.261	.144
	3	.000	.063	1.000	-.219	.219
	4	-.013	.089	1.000	-.324	.299
	5	-.063	.058	1.000	-.266	.141
3	1	-.058	.064	1.000	-.282	.165
	2	.000	.063	1.000	-.219	.219
	4	-.013	.112	1.000	-.405	.380
	5	-.063	.090	1.000	-.379	.254
4	1	-.046	.069	1.000	-.286	.194
	2	.013	.089	1.000	-.299	.324
	3	.013	.112	1.000	-.380	.405
	5	-.050	.094	1.000	-.378	.278
5	1	.004	.081	1.000	-.279	.288
	2	.063	.058	1.000	-.141	.266
	3	.063	.090	1.000	-.254	.379
	4	.050	.094	1.000	-.278	.378

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	.267	.729[a]	4.000	8.000	.596	.267
Wilks' lambda	.733	.729[a]	4.000	8.000	.596	.267
Hotelling's trace	.365	.729[a]	4.000	8.000	.596	.267
Roy's largest root	.365	.729[a]	4.000	8.000	.596	.267

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