```
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 14:44:17
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	00:00:00.14

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	2.4708	.23593	12
Offset2	2.4417	.28110	12
Offset3	2.4167	.24340	12
Offset4	2.3792	.30110	12
Offset5	2.4000	.31838	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.213	.543[b]	4.000	8.000	.709
	Wilks' Lambda	.787	.543[b]	4.000	8.000	.709
	Hotelling's Trace	.271	.543[b]	4.000	8.000	.709
	Roy's Largest Root	.271	.543[b]	4.000	8.000	.709

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.213
	Wilks' Lambda	.213
	Hotelling's Trace	.213
	Roy's Largest Root	.213

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	.335	10.305	9	.334	.642

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.854	.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	.061	4	.015	.479	.751
	Greenhouse-Geisser	.061	2.567	.024	.479	.671
	Huynh-Feldt	.061	3.415	.018	.479	.722
	Lower-bound	.061	1.000	.061	.479	.503
Error(Offset)	Sphericity Assumed	1.410	44	.032		
	Greenhouse-Geisser	1.410	28.235	.050		
	Huynh-Feldt	1.410	37.568	.038		
	Lower-bound	1.410	11.000	.128		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.042
	Greenhouse-Geisser	.042
	Huynh-Feldt	.042
	Lower-bound	.042
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	.050	1	.050	2.310	.157
	Quadratic	.007	1	.007	.183	.677
	Cubic	.004	1	.004	.088	.772
	Order 4	.001	1	.001	.043	.840
Error(Offset)	Linear	.238	11	.022		
	Quadratic	.395	11	.036		
	Cubic	.438	11	.040		
	Order 4	.338	11	.031		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.174
	Quadratic	.016
	Cubic	.008
	Order 4	.004
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	351.868	1	351.868	1364.872	.000	.992
Error	2.836	11	.258			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.471	.068	2.321	2.621
2	2.442	.081	2.263	2.620
3	2.417	.070	2.262	2.571
4	2.379	.087	2.188	2.570
5	2.400	.092	2.198	2.602

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	.029	.051	1.000	-.148	.206
	3	.054	.052	1.000	-.128	.236
	4	.092	.075	1.000	-.171	.354
	5	.071	.073	1.000	-.183	.325
2	1	-.029	.051	1.000	-.206	.148
	3	.025	.067	1.000	-.210	.260
	4	.063	.070	1.000	-.184	.309
	5	.042	.068	1.000	-.197	.280
3	1	-.054	.052	1.000	-.236	.128
	2	-.025	.067	1.000	-.260	.210
	4	.038	.069	1.000	-.202	.277
	5	.017	.081	1.000	-.267	.301
4	1	-.092	.075	1.000	-.354	.171
	2	-.063	.070	1.000	-.309	.184
	3	-.038	.069	1.000	-.277	.202
	5	-.021	.108	1.000	-.400	.358
5	1	-.071	.073	1.000	-.325	.183
	2	-.042	.068	1.000	-.280	.197
	3	-.017	.081	1.000	-.301	.267
	4	.021	.108	1.000	-.358	.400

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	.213	.543[a]	4.000	8.000	.709	.213
Wilks' lambda	.787	.543[a]	4.000	8.000	.709	.213
Hotelling's trace	.271	.543[a]	4.000	8.000	.709	.213
Roy's largest root	.271	.543[a]	4.000	8.000	.709	.213

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