```
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 14:35:25
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	00:00:01.33
	Elapsed Time	00:00:01.01

[DataSet1]

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	2.0208	.31727	12
Offset2	2.1500	.36056	12
Offset3	2.2542	.32084	12
Offset4	2.4042	.25802	12
Offset5	2.8667	.45042	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.738	5.638[b]	4.000	8.000	.019
	Wilks' Lambda	.262	5.638[b]	4.000	8.000	.019
	Hotelling's Trace	2.819	5.638[b]	4.000	8.000	.019
	Roy's Largest Root	2.819	5.638[b]	4.000	8.000	.019

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.738
	Wilks' Lambda	.738
	Hotelling's Trace	.738
	Roy's Largest Root	.738

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	.142	18.370	9	.033	.479

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.578	.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	5.122	4	1.280	12.304	.000
	Greenhouse-Geisser	5.122	1.918	2.671	12.304	.000
	Huynh-Feldt	5.122	2.314	2.214	12.304	.000
	Lower-bound	5.122	1.000	5.122	12.304	.005
Error(Offset)	Sphericity Assumed	4.579	44	.104		
	Greenhouse-Geisser	4.579	21.095	.217		
	Huynh-Feldt	4.579	25.450	.180		
	Lower-bound	4.579	11.000	.416		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.528
	Greenhouse-Geisser	.528
	Huynh-Feldt	.528
	Lower-bound	.528
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	4.544	1	4.544	18.637	.001
	Quadratic	.435	1	.435	4.898	.049
	Cubic	.137	1	.137	4.765	.052
	Order 4	.007	1	.007	.120	.736
Error(Offset)	Linear	2.682	11	.244		
	Quadratic	.977	11	.089		
	Cubic	.316	11	.029		
	Order 4	.605	11	.055		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.629
	Quadratic	.308
	Cubic	.302
	Order 4	.011
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	2.021	.092	1.819	2.222
2	2.150	.104	1.921	2.379
3	2.254	.093	2.050	2.458
4	2.404	.074	2.240	2.568
5	2.867	.130	2.580	3.153

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	-.129	.080	1.000	-.410	.152
	3	-.233	.111	.587	-.620	.154
	4	-.383*	.106	.042	-.756	-.011
	5	-.846*	.178	.006	-1.469	-.222
2	1	.129	.080	1.000	-.152	.410
	3	-.104	.118	1.000	-.518	.310
	4	-.254	.117	.520	-.662	.154
	5	-.717*	.205	.049	-1.432	-.002
3	1	.233	.111	.587	-.154	.620
	2	.104	.118	1.000	-.310	.518
	4	-.150	.074	.688	-.410	.110
	5	-.612*	.145	.014	-1.120	-.105
4	1	.383*	.106	.042	.011	.756
	2	.254	.117	.520	-.154	.662
	3	.150	.074	.688	-.110	.410
	5	-.462*	.125	.034	-.898	-.027
5	1	.846*	.178	.006	.222	1.469
	2	.717*	.205	.049	.002	1.432
	3	.612*	.145	.014	.105	1.120
	4	.462*	.125	.034	.027	.898

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	.738	5.638[a]	4.000	8.000	.019	.738
Wilks' lambda	.262	5.638[a]	4.000	8.000	.019	.738
Hotelling's trace	2.819	5.638[a]	4.000	8.000	.019	.738
Roy's largest root	2.819	5.638[a]	4.000	8.000	.019	.738

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