```
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 11:11:50
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	00:00:00.23
	Elapsed Time	00:00:00.16

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	2.2833	.45494	12
Offset2	2.2917	.37040	12
Offset3	2.4000	.37659	12
Offset4	2.4833	.34859	12
Offset5	2.6000	.50272	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.408	1.378[b]	4.000	8.000	.323
	Wilks' Lambda	.592	1.378[b]	4.000	8.000	.323
	Hotelling's Trace	.689	1.378[b]	4.000	8.000	.323
	Roy's Largest Root	.689	1.378[b]	4.000	8.000	.323

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.408
	Wilks' Lambda	.408
	Hotelling's Trace	.408
	Roy's Largest Root	.408

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	.219	14.294	9	.117	.646

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.862	.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	.859	4	.215	1.929	.122
	Greenhouse-Geisser	.859	2.584	.333	1.929	.154
	Huynh-Feldt	.859	3.447	.249	1.929	.134
	Lower-bound	.859	1.000	.859	1.929	.192
Error(Offset)	Sphericity Assumed	4.901	44	.111		
	Greenhouse-Geisser	4.901	28.427	.172		
	Huynh-Feldt	4.901	37.921	.129		
	Lower-bound	4.901	11.000	.446		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.149
	Greenhouse-Geisser	.149
	Huynh-Feldt	.149
	Lower-bound	.149
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	.817	1	.817	4.311	.062
	Quadratic	.031	1	.031	.262	.619
	Cubic	.005	1	.005	.093	.766
	Order 4	.006	1	.006	.073	.792
Error(Offset)	Linear	2.084	11	.189		
	Quadratic	1.324	11	.120		
	Cubic	.629	11	.057		
	Order 4	.864	11	.079		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.282
	Quadratic	.023
	Cubic	.008
	Order 4	.007
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	348.968	1	348.968	841.471	.000	.987
Error	4.562	11	.415			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.283	.131	1.994	2.572
2	2.292	.107	2.056	2.527
3	2.400	.109	2.161	2.639
4	2.483	.101	2.262	2.705
5	2.600	.145	2.281	2.919

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	-.008	.125	1.000	-.446	.429
	3	-.117	.095	1.000	-.450	.216
	4	-.200	.162	1.000	-.766	.366
	5	-.317	.183	1.000	-.956	.323
2	1	.008	.125	1.000	-.429	.446
	3	-.108	.094	1.000	-.437	.221
	4	-.192	.087	.508	-.497	.114
	5	-.308	.151	.659	-.836	.220
3	1	.117	.095	1.000	-.216	.450
	2	.108	.094	1.000	-.221	.437
	4	-.083	.103	1.000	-.443	.276
	5	-.200	.162	1.000	-.766	.366
4	1	.200	.162	1.000	-.366	.766
	2	.192	.087	.508	-.114	.497
	3	.083	.103	1.000	-.276	.443
	5	-.117	.159	1.000	-.671	.438
5	1	.317	.183	1.000	-.323	.956
	2	.308	.151	.659	-.220	.836
	3	.200	.162	1.000	-.366	.766
	4	.117	.159	1.000	-.438	.671

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	.408	1.378[a]	4.000	8.000	.323	.408
Wilks' lambda	.592	1.378[a]	4.000	8.000	.323	.408
Hotelling's trace	.689	1.378[a]	4.000	8.000	.323	.408
Roy's largest root	.689	1.378[a]	4.000	8.000	.323	.408

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