```
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 11:09:11
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	00:00:00.53
	Elapsed Time	00:00:00.24

[DataSet1] \\files\users\kkillebrew\Desktop\Freqtag\RM_ANOVA_FT_ORI_LEFT.sav

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	2.0750	.38406	12
Offset2	2.0667	.43345	12
Offset3	2.1833	.45092	12
Offset4	2.3833	.35377	12
Offset5	2.9667	.53992	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.642	3.588[b]	4.000	8.000	.059
	Wilks' Lambda	.358	3.588[b]	4.000	8.000	.059
	Hotelling's Trace	1.794	3.588[b]	4.000	8.000	.059
	Roy's Largest Root	1.794	3.588[b]	4.000	8.000	.059

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.642
	Wilks' Lambda	.642
	Hotelling's Trace	.642
	Roy's Largest Root	.642

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	.133	18.996	9	.027	.497

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	.607	.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	6.767	4	1.692	10.633	.000
	Greenhouse-Geisser	6.767	1.989	3.402	10.633	.001
	Huynh-Feldt	6.767	2.427	2.788	10.633	.000
	Lower-bound	6.767	1.000	6.767	10.633	.008
Error(Offset)	Sphericity Assumed	7.001	44	.159		
	Greenhouse-Geisser	7.001	21.882	.320		
	Huynh-Feldt	7.001	26.700	.262		
	Lower-bound	7.001	11.000	.636		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.492
	Greenhouse-Geisser	.492
	Huynh-Feldt	.492
	Lower-bound	.492
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	5.292	1	5.292	13.230	.004
	Quadratic	1.375	1	1.375	13.416	.004
	Cubic	.080	1	.080	3.007	.111
	Order 4	.020	1	.020	.187	.674
Error(Offset)	Linear	4.400	11	.400		
	Quadratic	1.128	11	.103		
	Cubic	.293	11	.027		
	Order 4	1.180	11	.107		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.546
	Quadratic	.549
	Cubic	.215
	Order 4	.017
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	327.134	1	327.134	1025.643	.000	.989
Error	3.508	11	.319			

Estimated Marginal Means

Offset

Estimates

Measure: Response

Offset	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.075	.111	1.831	2.319
2	2.067	.125	1.791	2.342
3	2.183	.130	1.897	2.470
4	2.383	.102	2.159	2.608
5	2.967	.156	2.624	3.310

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	.008	.089	1.000	-.303	.320
	3	-.108	.140	1.000	-.596	.379
	4	-.308	.150	.651	-.835	.218
	5	-.892*	.236	.031	-1.717	-.067
2	1	-.008	.089	1.000	-.320	.303
	3	-.117	.137	1.000	-.596	.362
	4	-.317	.124	.270	-.751	.118
	5	-.900*	.231	.025	-1.708	-.092
3	1	.108	.140	1.000	-.379	.596
	2	.117	.137	1.000	-.362	.596
	4	-.200	.127	1.000	-.645	.245
	5	-.783*	.188	.016	-1.440	-.127
4	1	.308	.150	.651	-.218	.835
	2	.317	.124	.270	-.118	.751
	3	.200	.127	1.000	-.245	.645
	5	-.583*	.143	.018	-1.083	-.084
5	1	.892*	.236	.031	.067	1.717
	2	.900*	.231	.025	.092	1.708
	3	.783*	.188	.016	.127	1.440
	4	.583*	.143	.018	.084	1.083

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	.642	3.588[a]	4.000	8.000	.059	.642
Wilks' lambda	.358	3.588[a]	4.000	8.000	.059	.642
Hotelling's trace	1.794	3.588[a]	4.000	8.000	.059	.642
Roy's largest root	1.794	3.588[a]	4.000	8.000	.059	.642

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

Estimated Marginal Means of Response