```
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 11:36:49
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	00:00:00.17
	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	2.4750	.39801	12
Offset2	2.3667	.40076	12
Offset3	2.3750	.33878	12
Offset4	2.5000	.39312	12
Offset5	2.3417	.34234	12

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df	Sig.
Offset	Pillai's Trace	.200	.499[b]	4.000	8.000	.738
	Wilks' Lambda	.800	.499[b]	4.000	8.000	.738
	Hotelling's Trace	.250	.499[b]	4.000	8.000	.738
	Roy's Largest Root	.250	.499[b]	4.000	8.000	.738

Multivariate Tests[a]

Effect		Partial Eta Squared
Offset	Pillai's Trace	.200
	Wilks' Lambda	.200
	Hotelling's Trace	.200
	Roy's Largest Root	.200

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	.568	5.329	9	.808	.780

Mauchly's Test of Sphericity[a]

Measure: Response

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
Offset	1.000	.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	.241	4	.060	.829	.514
	Greenhouse-Geisser	.241	3.121	.077	.829	.491
	Huynh-Feldt	.241	4.000	.060	.829	.514
	Lower-bound	.241	1.000	.241	.829	.382
Error(Offset)	Sphericity Assumed	3.199	44	.073		
	Greenhouse-Geisser	3.199	34.335	.093		
	Huynh-Feldt	3.199	44.000	.073		
	Lower-bound	3.199	11.000	.291		

Tests of Within-Subjects Effects

Measure: Response

Source		Partial Eta Squared
Offset	Sphericity Assumed	.070
	Greenhouse-Geisser	.070
	Huynh-Feldt	.070
	Lower-bound	.070
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	.021	1	.021	.354	.564
	Quadratic	.000	1	.000	.005	.946
	Cubic	.192	1	.192	2.043	.181
	Order 4	.027	1	.027	.313	.587
Error(Offset)	Linear	.663	11	.060		
	Quadratic	.537	11	.049		
	Cubic	1.034	11	.094		
	Order 4	.965	11	.088		

Tests of Within-Subjects Contrasts

Measure: Response

Source	Offset	Partial Eta Squared
Offset	Linear	.031
	Quadratic	.000
	Cubic	.157
	Order 4	.028
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	2.475	.115	2.222	2.728
2	2.367	.116	2.112	2.621
3	2.375	.098	2.160	2.590
4	2.500	.113	2.250	2.750
5	2.342	.099	2.124	2.559

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	.108	.090	1.000	-.206	.423
	3	.100	.098	1.000	-.242	.442
	4	-.025	.116	1.000	-.429	.379
	5	.133	.103	1.000	-.228	.494
2	1	-.108	.090	1.000	-.423	.206
	3	-.008	.108	1.000	-.385	.368
	4	-.133	.123	1.000	-.562	.296
	5	.025	.106	1.000	-.346	.396
3	1	-.100	.098	1.000	-.442	.242
	2	.008	.108	1.000	-.368	.385
	4	-.125	.124	1.000	-.558	.308
	5	.033	.078	1.000	-.240	.307
4	1	.025	.116	1.000	-.379	.429
	2	.133	.123	1.000	-.296	.562
	3	.125	.124	1.000	-.308	.558
	5	.158	.142	1.000	-.339	.656
5	1	-.133	.103	1.000	-.494	.228
	2	-.025	.106	1.000	-.396	.346
	3	-.033	.078	1.000	-.307	.240
	4	-.158	.142	1.000	-.656	.339

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	.200	.499[a]	4.000	8.000	.738	.200
Wilks' lambda	.800	.499[a]	4.000	8.000	.738	.200
Hotelling's trace	.250	.499[a]	4.000	8.000	.738	.200
Roy's largest root	.250	.499[a]	4.000	8.000	.738	.200

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