

```

GLM semantic phono ortho
  /WSFACTOR=encoding 3 Simple(1)
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(encoding)
  /EMMEANS=TABLES(encoding)
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=encoding.

```

General Linear Model

[DataSet1] C:\Users\Admin\Desktop\experiment2.sav

Within-Subjects Factors

Measure: MEASURE_1

encoding	Dependent Variable
1	semantic
2	phono
3	ortho

Multivariate Tests^b

Effect		Value	F	Hypothesis df	Error df	Sig.
encoding	Pillai's Trace	.663	22.658 ^a	2.000	23.000	.000
	Wilks' Lambda	.337	22.658 ^a	2.000	23.000	.000
	Hotelling's Trace	1.970	22.658 ^a	2.000	23.000	.000
	Roy's Largest Root	1.970	22.658 ^a	2.000	23.000	.000

a. Exact statistic

b. Design: Intercept
Within Subjects Design: encoding

Mauchly's Test of Sphericity^b

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.
encoding	.677	8.960	2	.011

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

b. Design: Intercept
Within Subjects Design: encoding

Mauchly's Test of Sphericity^b

Measure: MEASURE_1

Within Subjects Effect	Epsilon ^a		
	Greenhouse-Geisser	Huynh-Feldt	Lower-bound
encoding	.756	.796	.500

Tests the null hypothesis that the error covariance matrix of the orthonormalized transformed dependent variables is proportional to an identity matrix.

a. 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.

b. Design: Intercept
Within Subjects Design: encoding

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square
encoding	Sphericity Assumed	208.640	2	104.320
	Greenhouse-Geisser	208.640	1.512	137.977
	Huynh-Feldt	208.640	1.592	131.046
	Lower-bound	208.640	1.000	208.640
Error(encoding)	Sphericity Assumed	135.360	48	2.820
	Greenhouse-Geisser	135.360	36.291	3.730
	Huynh-Feldt	135.360	38.211	3.542
	Lower-bound	135.360	24.000	5.640

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		F	Sig.
encoding	Sphericity Assumed	36.993	.000
	Greenhouse-Geisser	36.993	.000
	Huynh-Feldt	36.993	.000
	Lower-bound	36.993	.000

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	encoding	Type III Sum of Squares	df	Mean Square	F	Sig.
encoding	Level 2 vs. Level 1	184.960	1	184.960	33.875	.000
	Level 3 vs. Level 1	400.000	1	400.000	47.059	.000
Error(encoding)	Level 2 vs. Level 1	131.040	24	5.460		
	Level 3 vs. Level 1	204.000	24	8.500		

Tests of Between-Subjects Effects

Measure: MEASURE_1
Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	262.440	1	262.440	287.693	.000
Error	21.893	24	.912		

Estimated Marginal Means

encoding

Measure: MEASURE_1

encoding	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	5.480	.459	4.533	6.427
2	2.760	.273	2.198	3.322
3	1.480	.224	1.017	1.943

Profile Plots

Mean Word Recall Per Level of Processing

