```
GLM contra_silence contra_white contra_lofi ipsi_silence ipsi_white ipsi_lofi
  /WSFACTOR=contra_ipsi 2 Polynomial sound_condition 3 Polynomial
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(sound_condition*contra_ipsi) TYPE=LINE ERRORBAR=NO MEANREFEREN
CE=NO YAXIS=AUTO
  /EMMEANS=TABLES(contra_ipsi)
  /EMMEANS=TABLES(sound_condition)
  /EMMEANS=TABLES(contra_ipsi*sound_condition)
  /PRINT=DESCRIPTIVE
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=contra_ipsi sound_condition contra_ipsi*sound_condition.
```

General Linear Model

Within-Subjects Factors

Measure: MEASURE_1

contra_ipsi	sound_condition	Dependent Variable
1	1	contra_silence
	2	contra_white
	3	contra_lofi
2	1	ipsi_silence
	2	ipsi_white
	3	ipsi_lofi

Descriptive Statistics

	Mean	Std. Deviation	N
contra_silence	2.7503657	1.97050460	11
contra_white	2.7172759	2.43721553	11
contra_lofi	2.6259021	2.24826175	11
ipsi_silence	2.8353234	2.13861592	11
ipsi_white	2.8308399	2.60869645	11
ipsi_lofi	2.6167343	2.18120376	11

Multivariate Tests[a]

Effect		Value	F	Hypothesis df	Error df
contra_ipsi	Pillai's Trace	.179	2.183[b]	1.000	10.000
	Wilks' Lambda	.821	2.183[b]	1.000	10.000
	Hotelling's Trace	.218	2.183[b]	1.000	10.000
	Roy's Largest Root	.218	2.183[b]	1.000	10.000
sound_condition	Pillai's Trace	.365	2.584[b]	2.000	9.000
	Wilks' Lambda	.635	2.584[b]	2.000	9.000
	Hotelling's Trace	.574	2.584[b]	2.000	9.000
	Roy's Largest Root	.574	2.584[b]	2.000	9.000
contra_ipsi * sound_condition	Pillai's Trace	.164	.884[b]	2.000	9.000
	Wilks' Lambda	.836	.884[b]	2.000	9.000
	Hotelling's Trace	.196	.884[b]	2.000	9.000
	Roy's Largest Root	.196	.884[b]	2.000	9.000

Multivariate Tests[a]

Effect		Sig.
contra_ipsi	Pillai's Trace	.170
	Wilks' Lambda	.170
	Hotelling's Trace	.170
	Roy's Largest Root	.170
sound_condition	Pillai's Trace	.130
	Wilks' Lambda	.130
	Hotelling's Trace	.130
	Roy's Largest Root	.130
contra_ipsi * sound_condition	Pillai's Trace	.446
	Wilks' Lambda	.446
	Hotelling's Trace	.446
	Roy's Largest Root	.446

a. Design: Intercept
Within Subjects Design: contra_ipsi + sound_condition + contra_ipsi * sound_condition

b. Exact statistic

Mauchly's Test of Sphericity[a]

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon[b] Greenhouse-Geisser
contra_ipsi	1.000	.000	0	.	1.000
sound_condition	.260	12.123	2	.002	.575
contra_ipsi * sound_condition	.687	3.378	2	.185	.762

Mauchly's Test of Sphericity[a]

Measure: MEASURE_1

Within Subjects Effect	Epsilon[b] Huynh-Feldt	Lower-bound
contra_ipsi	1.000	1.000
sound_condition	.601	.500
contra_ipsi * sound_condition	.870	.500

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: contra_ipsi + sound_condition + contra_ipsi * sound_condition

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: MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
contra_ipsi	Sphericity Assumed	.066	1	.066	2.183
	Greenhouse-Geisser	.066	1.000	.066	2.183
	Huynh-Feldt	.066	1.000	.066	2.183
	Lower-bound	.066	1.000	.066	2.183
Error(contra_ipsi)	Sphericity Assumed	.301	10	.030	
	Greenhouse-Geisser	.301	10.000	.030	
	Huynh-Feldt	.301	10.000	.030	
	Lower-bound	.301	10.000	.030	
sound_condition	Sphericity Assumed	.389	2	.195	.409
	Greenhouse-Geisser	.389	1.149	.339	.409
	Huynh-Feldt	.389	1.203	.324	.409
	Lower-bound	.389	1.000	.389	.409
Error(sound_condition)	Sphericity Assumed	9.515	20	.476	
	Greenhouse-Geisser	9.515	11.494	.828	
	Huynh-Feldt	9.515	12.026	.791	
	Lower-bound	9.515	10.000	.951	
contra_ipsi * sound_condition	Sphericity Assumed	.045	2	.023	1.474
	Greenhouse-Geisser	.045	1.523	.030	1.474
	Huynh-Feldt	.045	1.741	.026	1.474
	Lower-bound	.045	1.000	.045	1.474
Error (contra_ipsi*sound_condition)	Sphericity Assumed	.308	20	.015	
	Greenhouse-Geisser	.308	15.233	.020	
	Huynh-Feldt	.308	17.408	.018	
	Lower-bound	.308	10.000	.031	

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Sig.
contra_ipsi	Sphericity Assumed	.170
	Greenhouse-Geisser	.170
	Huynh-Feldt	.170
	Lower-bound	.170
Error(contra_ipsi)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
sound_condition	Sphericity Assumed	.670
	Greenhouse-Geisser	.563
	Huynh-Feldt	.572
	Lower-bound	.537
Error(sound_condition)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	
contra_ipsi * sound_condition	Sphericity Assumed	.253
	Greenhouse-Geisser	.256
	Huynh-Feldt	.255
	Lower-bound	.253
Error (contra_ipsi*sound_condition)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	contra_ipsi	sound_condition	Type III Sum of Squares	df	Mean Square
contra_ipsi	Linear		.066	1	.066
Error(contra_ipsi)	Linear		.301	10	.030
sound_condition		Linear	.324	1	.324
		Quadratic	.066	1	.066
Error(sound_condition)		Linear	1.280	10	.128
		Quadratic	8.235	10	.823
contra_ipsi * sound_condition	Linear	Linear	.024	1	.024
		Quadratic	.021	1	.021
Error (contra_ipsi*sound_condition)	Linear	Linear	.181	10	.018
		Quadratic	.127	10	.013

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	contra_ipsi	sound_condition	F	Sig.
contra_ipsi	Linear		2.183	.170
Error(contra_ipsi)	Linear			
sound_condition		Linear	2.529	.143
		Quadratic	.080	.783
Error(sound_condition)		Linear		
		Quadratic		
contra_ipsi * sound_condition	Linear	Linear	1.345	.273
		Quadratic	1.659	.227
Error (contra_ipsi*sound_condition)	Linear	Linear		
		Quadratic		

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	491.678	1	491.678	16.388	.002
Error	300.019	10	30.002		

Estimated Marginal Means

1. contra_ipsi

Measure: MEASURE_1

contra_ipsi	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.698	.662	1.224	4.172
2	2.761	.687	1.230	4.292

2. sound_condition

Measure: MEASURE_1

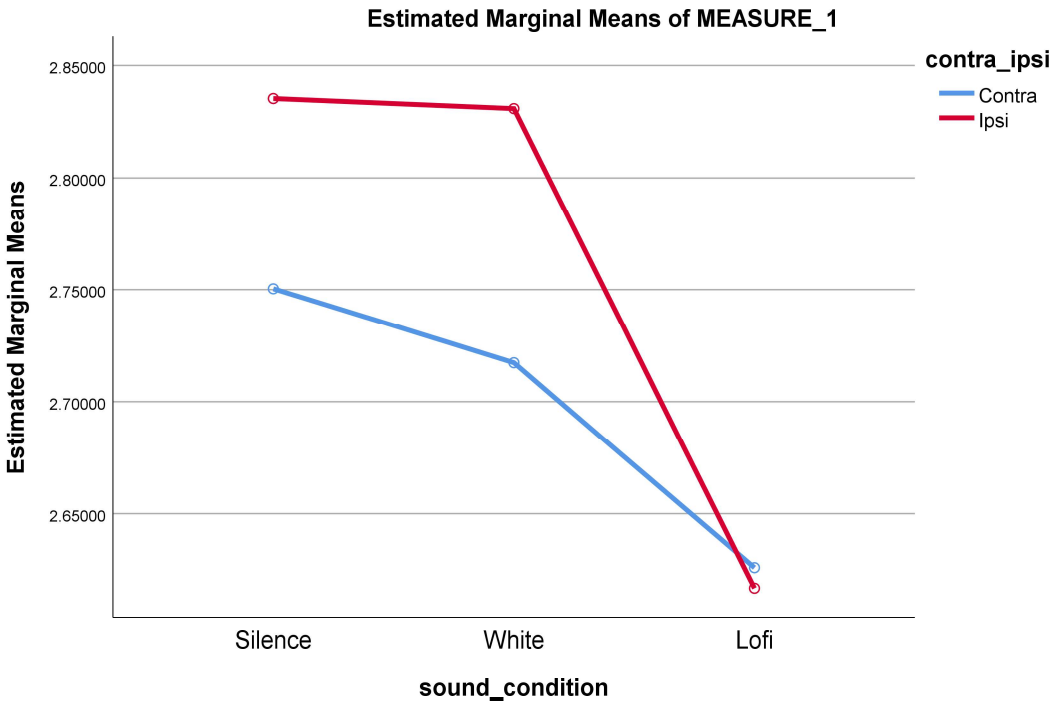
sound_condition	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.793	.619	1.414	4.172
2	2.774	.760	1.080	4.468
3	2.621	.668	1.134	4.109

3. contra_ipsi * sound_condition

Measure: MEASURE_1

contra_ipsi	sound_condition	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	2.750	.594	1.427	4.074
	2	2.717	.735	1.080	4.355
	3	2.626	.678	1.115	4.136
2	1	2.835	.645	1.399	4.272
	2	2.831	.787	1.078	4.583
	3	2.617	.658	1.151	4.082

Profile Plots


Estimated Marginal Means of MEASURE_1
contra_ipsi
Contra
Ipsi
Estimated Marginal Means
2.85000
2.80000
2.75000
2.70000
2.65000
Silence
White
Lofi
sound_condition