```
 NEW FILE.
DATASET NAME DataSet2 WINDOW=FRONT.
DATASET ACTIVATE DataSet1.
DATASET CLOSE DataSet2.
GLM d_HPE d_LPE conf_HPE conf_LPE alpha_HPE alpha_LPE beta_HPE beta_LPE BY Emo
tion
  /WSFACTOR=PE 2 Polynomial
  /MEASURE=d conf alpha beta
  /METHOD=SSTYPE(3)
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=PE
  /DESIGN=Emotion.
```

General Linear Model

Notes

Output Created		**20-AUG-2018 17:21:...**
Comments		
Input	**Data**	**/Users/cml2/Desktop/Scz_Faces/data_analysis (3AFC only - Smiling Faces)/SPSS_MANOVA.sav**
	Active Dataset	**DataSet1**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**14**
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.**

Notes

Syntax		GLM d_HPE d_LPE conf_HPE conf_LPE alpha_HPE alpha_LPE beta_HPE beta_LPE BY Emotion /WSFACTOR=PE 2 Polynomial /MEASURE=d conf alpha beta /METHOD=SSTYPE(3) /CRITERIA=ALPHA(.05) /WSDESIGN=PE /DESIGN=Emotion.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.00

Within-Subjects Factors

Measure	PE	Dependent Variable
d	1	d_HPE
	2	d_LPE
conf	1	conf_HPE
	2	conf_LPE
alpha	1	alpha_HPE
	2	alpha_LPE
beta	1	beta_HPE
	2	beta_LPE

Between-Subjects Factors

		Value Label	N
Emotion	1.00	Neutral	6
	2.00	Smiling	8

Multivariate Tests[a]

Effect			Value	F	Hypothesis df
Between Subjects	Intercept	Pillai's Trace	.986	164.182[b]	4.000
		Wilks' Lambda	.014	164.182[b]	4.000
		Hotelling's Trace	72.970	164.182[b]	4.000
		Roy's Largest Root	72.970	164.182[b]	4.000
	Emotion	Pillai's Trace	.473	2.021[b]	4.000
		Wilks' Lambda	.527	2.021[b]	4.000
		Hotelling's Trace	.898	2.021[b]	4.000
		Roy's Largest Root	.898	2.021[b]	4.000
Within Subjects	PE	Pillai's Trace	.786	8.282[b]	4.000
		Wilks' Lambda	.214	8.282[b]	4.000
		Hotelling's Trace	3.681	8.282[b]	4.000
		Roy's Largest Root	3.681	8.282[b]	4.000
	PE * Emotion	Pillai's Trace	.474	2.024[b]	4.000
		Wilks' Lambda	.526	2.024[b]	4.000
		Hotelling's Trace	.900	2.024[b]	4.000
		Roy's Largest Root	.900	2.024[b]	4.000

Multivariate Tests[a]

Effect			Error df	Sig.
Between Subjects	Intercept	Pillai's Trace	9.000	.000
		Wilks' Lambda	9.000	.000
		Hotelling's Trace	9.000	.000
		Roy's Largest Root	9.000	.000
	Emotion	Pillai's Trace	9.000	.175
		Wilks' Lambda	9.000	.175
		Hotelling's Trace	9.000	.175
		Roy's Largest Root	9.000	.175
Within Subjects	PE	Pillai's Trace	9.000	.004
		Wilks' Lambda	9.000	.004
		Hotelling's Trace	9.000	.004
		Roy's Largest Root	9.000	.004
	PE * Emotion	Pillai's Trace	9.000	.174
		Wilks' Lambda	9.000	.174
		Hotelling's Trace	9.000	.174
		Roy's Largest Root	9.000	.174

a. Design: Intercept + Emotion
Within Subjects Design: PE

b. Exact statistic

Mauchly's Test of Sphericity[a]

Within Subjects Effect	Measure	Mauchly's W	Approx. Chi-Square	df	Sig.
PE	d	1.000	.000	0	.
	conf	1.000	.000	0	.
	alpha	1.000	.000	0	.
	beta	1.000	.000	0	.

Mauchly's Test of Sphericity[a]

Within Subjects Effect	Measure	Epsilon[b]		
		Greenhouse-Geisser	Huynh-Feldt	Lower-bound
PE	d	1.000	1.000	1.000
	conf	1.000	1.000	1.000
	alpha	1.000	1.000	1.000
	beta	1.000	1.000	1.000

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

a. Design: Intercept + Emotion
Within Subjects Design: PE

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

Multivariate[a,b]

Within Subjects Effect		Value	F	Hypothesis df	Error df	Sig.
PE	Pillai's Trace	.786	8.282[c]	4.000	9.000	.004
	Wilks' Lambda	.214	8.282[c]	4.000	9.000	.004
	Hotelling's Trace	3.681	8.282[c]	4.000	9.000	.004
	Roy's Largest Root	3.681	8.282[c]	4.000	9.000	.004
PE * Emotion	Pillai's Trace	.474	2.024[c]	4.000	9.000	.174
	Wilks' Lambda	.526	2.024[c]	4.000	9.000	.174
	Hotelling's Trace	.900	2.024[c]	4.000	9.000	.174
	Roy's Largest Root	.900	2.024[c]	4.000	9.000	.174

a. Design: Intercept + Emotion
Within Subjects Design: PE

b. Tests are based on averaged variables.

c. Exact statistic

Univariate Tests

Source	Measure		Type III Sum of Squares	df	Mean Square	F
PE	d	Sphericity Assumed	.344	1	.344	.461
		Greenhouse-Geisser	.344	1.000	.344	.461
		Huynh-Feldt	.344	1.000	.344	.461
		Lower-bound	.344	1.000	.344	.461
	conf	Sphericity Assumed	709.032	1	709.032	12.107
		Greenhouse-Geisser	709.032	1.000	709.032	12.107
		Huynh-Feldt	709.032	1.000	709.032	12.107
		Lower-bound	709.032	1.000	709.032	12.107
	alpha	Sphericity Assumed	.002	1	.002	.017
		Greenhouse-Geisser	.002	1.000	.002	.017
		Huynh-Feldt	.002	1.000	.002	.017
		Lower-bound	.002	1.000	.002	.017
	beta	Sphericity Assumed	14.916	1	14.916	12.827
		Greenhouse-Geisser	14.916	1.000	14.916	12.827
		Huynh-Feldt	14.916	1.000	14.916	12.827
		Lower-bound	14.916	1.000	14.916	12.827
PE * Emotion	d	Sphericity Assumed	2.246	1	2.246	3.009
		Greenhouse-Geisser	2.246	1.000	2.246	3.009
		Huynh-Feldt	2.246	1.000	2.246	3.009
		Lower-bound	2.246	1.000	2.246	3.009
	conf	Sphericity Assumed	50.787	1	50.787	.867
		Greenhouse-Geisser	50.787	1.000	50.787	.867
		Huynh-Feldt	50.787	1.000	50.787	.867
		Lower-bound	50.787	1.000	50.787	.867
	alpha	Sphericity Assumed	.253	1	.253	2.280
		Greenhouse-Geisser	.253	1.000	.253	2.280
		Huynh-Feldt	.253	1.000	.253	2.280
		Lower-bound	.253	1.000	.253	2.280
	beta	Sphericity Assumed	12.044	1	12.044	10.357
		Greenhouse-Geisser	12.044	1.000	12.044	10.357
		Huynh-Feldt	12.044	1.000	12.044	10.357
		Lower-bound	12.044	1.000	12.044	10.357
Error(PE)	d	Sphericity Assumed	8.958	12	.747	
		Greenhouse-Geisser	8.958	12.000	.747	
		Huynh-Feldt	8.958	12.000	.747	
		Lower-bound	8.958	12.000	.747	

Univariate Tests

Source	Measure		Sig.
PE	d	Sphericity Assumed	.510
		Greenhouse-Geisser	.510
		Huynh-Feldt	.510
		Lower-bound	.510
	conf	Sphericity Assumed	.005
		Greenhouse-Geisser	.005
		Huynh-Feldt	.005
		Lower-bound	.005
	alpha	Sphericity Assumed	.898
		Greenhouse-Geisser	.898
		Huynh-Feldt	.898
		Lower-bound	.898
	beta	Sphericity Assumed	.004
		Greenhouse-Geisser	.004
		Huynh-Feldt	.004
		Lower-bound	.004
PE * Emotion	d	Sphericity Assumed	.108
		Greenhouse-Geisser	.108
		Huynh-Feldt	.108
		Lower-bound	.108
	conf	Sphericity Assumed	.370
		Greenhouse-Geisser	.370
		Huynh-Feldt	.370
		Lower-bound	.370
	alpha	Sphericity Assumed	.157
		Greenhouse-Geisser	.157
		Huynh-Feldt	.157
		Lower-bound	.157
	beta	Sphericity Assumed	.007
		Greenhouse-Geisser	.007
		Huynh-Feldt	.007
		Lower-bound	.007
Error(PE)	d	Sphericity Assumed	
		Greenhouse-Geisser	
		Huynh-Feldt	
		Lower-bound	

Univariate Tests

Source	Measure		Type III Sum of Squares	df	Mean Square	F
	conf	Sphericity Assumed	702.763	12	58.564	
		Greenhouse-Geisser	702.763	12.000	58.564	
		Huynh-Feldt	702.763	12.000	58.564	
		Lower-bound	702.763	12.000	58.564	
	alpha	Sphericity Assumed	1.333	12	.111	
		Greenhouse-Geisser	1.333	12.000	.111	
		Huynh-Feldt	1.333	12.000	.111	
		Lower-bound	1.333	12.000	.111	
	beta	Sphericity Assumed	13.954	12	1.163	
		Greenhouse-Geisser	13.954	12.000	1.163	
		Huynh-Feldt	13.954	12.000	1.163	
		Lower-bound	13.954	12.000	1.163	

Univariate Tests

Source	Measure		Sig.
	conf	Sphericity Assumed	
		Greenhouse-Geisser	
		Huynh-Feldt	
		Lower-bound	
	alpha	Sphericity Assumed	
		Greenhouse-Geisser	
		Huynh-Feldt	
		Lower-bound	
	beta	Sphericity Assumed	
		Greenhouse-Geisser	
		Huynh-Feldt	
		Lower-bound	

Tests of Within-Subjects Contrasts

Source	Measure	PE	Type III Sum of Squares	df	Mean Square	F	Sig.
PE	d	Linear	.344	1	.344	.461	.510
	conf	Linear	709.032	1	709.032	12.107	.005
	alpha	Linear	.002	1	.002	.017	.898
	beta	Linear	14.916	1	14.916	12.827	.004
PE * Emotion	d	Linear	2.246	1	2.246	3.009	.108
	conf	Linear	50.787	1	50.787	.867	.370
	alpha	Linear	.253	1	.253	2.280	.157
	beta	Linear	12.044	1	12.044	10.357	.007
Error(PE)	d	Linear	8.958	12	.747		
	conf	Linear	702.763	12	58.564		
	alpha	Linear	1.333	12	.111		
	beta	Linear	13.954	12	1.163		

Tests of Between-Subjects Effects

Transformed Variable: Average

Source	Measure	Type III Sum of Squares	df	Mean Square	F	Sig.
Intercept	d	50.362	1	50.362	132.996	.000
	conf	148956.038	1	148956.038	445.706	.000
	alpha	.961	1	.961	9.706	.009
	beta	89.693	1	89.693	142.104	.000
Emotion	d	.962	1	.962	2.540	.137
	conf	363.603	1	363.603	1.088	.317
	alpha	.042	1	.042	.421	.529
	beta	6.679	1	6.679	10.582	.007
Error	d	4.544	12	.379		
	conf	4010.429	12	334.202		
	alpha	1.188	12	.099		
	beta	7.574	12	.631		