

```

GET
  FILE='/Users/coglab/Experiments/Michelle/Untitled1.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
GET
  FILE='/Users/coglab/Experiments/Michelle/Untitled1.sav'.
DATASET NAME DataSet2 WINDOW=FRONT.
USE ALL.
COMPUTE filter_$=(condition = 3).
VARIABLE LABELS filter_$ 'condition = 3 (FILTER)'.
VALUE LABELS filter_$ 0 'Not Selected' 1 'Selected'.
FORMATS filter_$ (f1.0).
FILTER BY filter_$.
EXECUTE.
GLM rep0rateave rep1rateave rep5rateave
  /WSFACTOR=Repetition 3 Simple(1)
  /MEASURE=Liking
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Repetition)
  /EMMEANS=TABLES(Repetition) COMPARE ADJ(BONFERRONI)
  /PRINT=ETASQ
  /CRITERIA=ALPHA(.05)
  /WSDSIGN=Repetition.

```

General Linear Model

Notes

Output Created		29-OCT-2013 12:08:36
Comments		
Input	Data	/Users/coglab/Experiments/Michelle/Untitled1.sav
	Active Dataset	DataSet2
	Filter	condition = 3 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	42
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 rep0rateave rep1rateave rep5rateave /WSFACTOR=Repetition 3 Simple(1) /MEASURE=Liking /METHOD=SSTYPE(3) /PLOT=PROFILE (Repetition) /EMMEANS=TABLES (Repetition) COMPARE ADJ(BONFERRONI) /PRINT=ETASQ /CRITERIA=ALPHA(.05) /WSDESIGN=Repetition.
Resources	Processor Time	00:00:00.76
	Elapsed Time	00:00:01.00

[DataSet2]

Within-Subjects Factors

Measure: Liking

Repetition	Dependent Variable
1	rep0rateave
2	rep1rateave
3	rep5rateave

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Repetition	Pillai's Trace	.061	1.290 ^b	2.000	40.000	.286	.061
	Wilks' Lambda	.939	1.290 ^b	2.000	40.000	.286	.061
	Hotelling's Trace	.065	1.290 ^b	2.000	40.000	.286	.061
	Roy's Largest Root	.065	1.290 ^b	2.000	40.000	.286	.061

a. Design: Intercept
Within Subjects Design: Repetition

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: Liking

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Repetition	.868	5.656	2	.059	.884	.920	.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: Repetition

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: Liking

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Repetition	Sphericity Assumed	436.925	2	218.463	1.493	.231	.035
	Greenhouse-Geisser	436.925	1.767	247.268	1.493	.232	.035
	Huynh-Feldt	436.925	1.841	237.375	1.493	.232	.035
	Lower-bound	436.925	1.000	436.925	1.493	.229	.035
Error(Repetition)	Sphericity Assumed	12000.844	82	146.352			
	Greenhouse-Geisser	12000.844	72.447	165.649			
	Huynh-Feldt	12000.844	75.467	159.022			
	Lower-bound	12000.844	41.000	292.704			

Tests of Within-Subjects Contrasts

Measure: Liking

Source	Repetition	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Repetition	Level 2 vs. Level 1	.363	1	.363	.002	.968	.000
	Level 3 vs. Level 1	639.788	1	639.788	1.613	.211	.038
Error(Repetition)	Level 2 vs. Level 1	9094.265	41	221.811			
	Level 3 vs. Level 1	16265.968	41	396.731			

Tests of Between-Subjects Effects

Measure: Liking

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	126253.313	1	126253.313	404.222	.000	.908
Error	12805.784	41	312.336			

Estimated Marginal Means

Repetition

Estimates

Measure: Liking

Repetition	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	53.557	2.958	47.584	59.531
2	53.464	3.221	46.960	59.969
3	57.460	3.187	51.024	63.896

Pairwise Comparisons

Measure: Liking

(I) Repetition	(J) Repetition	Mean Difference (I-J)	Std. Error	Sig. ^a	95% Confidence Interval for Difference ^a	
					Lower Bound	Upper Bound
1	2	.093	2.298	1.000	-5.644	5.829
	3	-3.903	3.073	.634	-11.575	3.769
2	1	-.093	2.298	1.000	-5.829	5.644
	3	-3.996	2.486	.347	-10.201	2.210
3	1	3.903	3.073	.634	-3.769	11.575
	2	3.996	2.486	.347	-2.210	10.201

Based on estimated marginal means

a. Adjustment for multiple comparisons: Bonferroni.

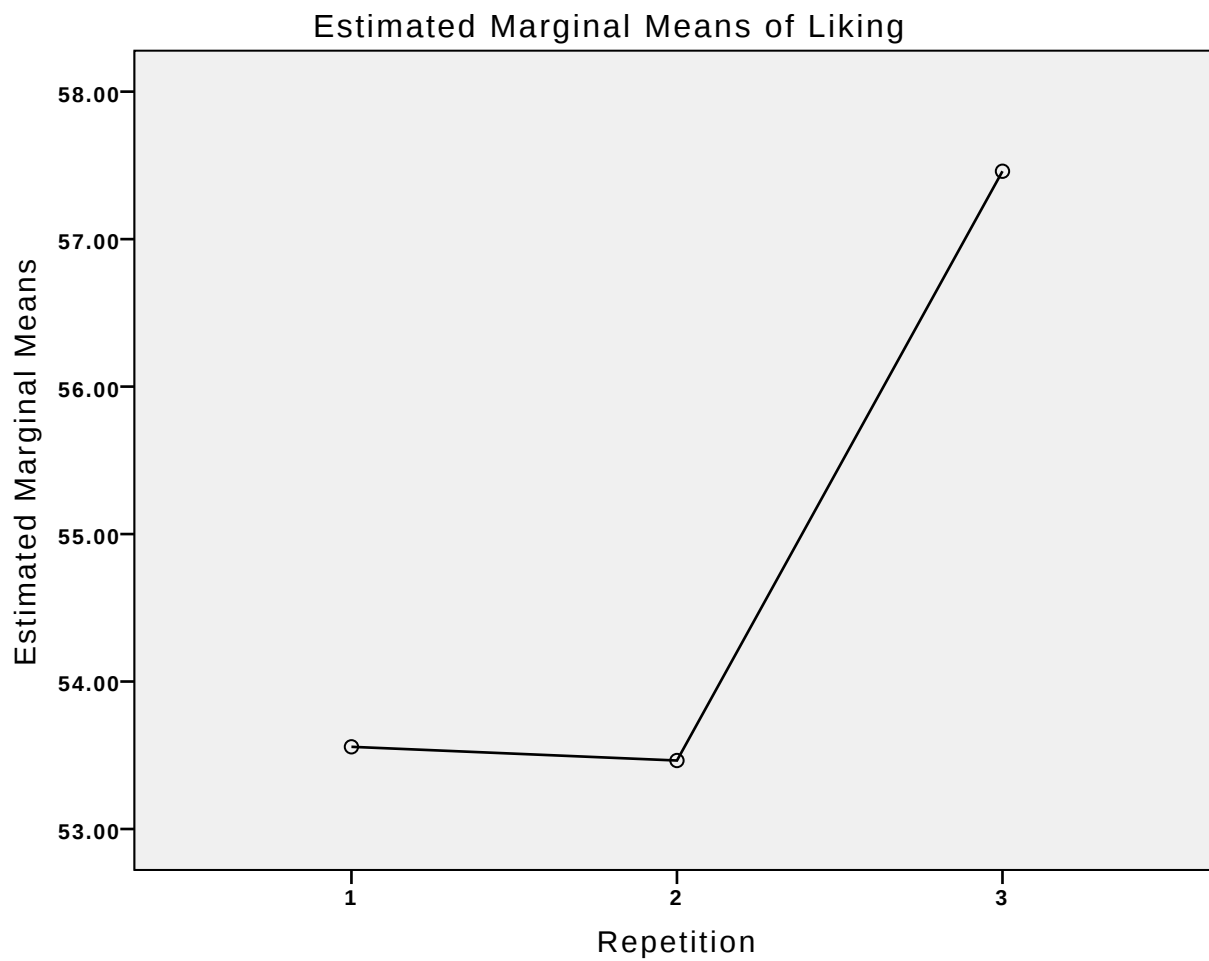
Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.061	1.290 ^a	2.000	40.000	.286	.061
Wilks' lambda	.939	1.290 ^a	2.000	40.000	.286	.061
Hotelling's trace	.065	1.290 ^a	2.000	40.000	.286	.061
Roy's largest root	.065	1.290 ^a	2.000	40.000	.286	.061

Each F tests the multivariate effect of Repetition. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic

Profile Plots



```
GLM rep0easeave rep1easeave rep5easeave  
  /WSFACTOR=Repetition 3 Simple(1)  
  /MEASURE=Ease  
  /METHOD=SSTYPE(3)  
  /PLOT=PROFILE(Repetition)  
  /EMMEANS=TABLES(Repetition) COMPARE ADJ(BONFERRONI)  
  /PRINT=ETASQ  
  /CRITERIA=ALPHA(.05)  
  /WSDESIGN=Repetition.
```

General Linear Model

Notes

Output Created		29-OCT-2013 12:09:25
Comments		
Input	Data	/Users/coglab/Experiments/Michelle/Untitled1.sav
	Active Dataset	DataSet2
	Filter	condition = 3 (FILTER)
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	42
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 rep0easeave rep1easeave rep5easeave /WSFACTOR=Repetition 3 Simple(1) /MEASURE=Ease /METHOD=SSTYPE(3) /PLOT=PROFILE (Repetition) /EMMEANS=TABLES (Repetition) COMPARE ADJ(BONFERRONI) /PRINT=ETASQ /CRITERIA=ALPHA(.05) /WSDSIGN=Repetition.
Resources	Processor Time	00:00:00.17
	Elapsed Time	00:00:00.00

[DataSet2]

Within-Subjects Factors

Measure: Ease

Repetition	Dependent Variable
1	rep0easeave
2	rep1easeave
3	rep5easeave

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Repetition	Pillai's Trace	.122	2.767 ^b	2.000	40.000	.075	.122
	Wilks' Lambda	.878	2.767 ^b	2.000	40.000	.075	.122
	Hotelling's Trace	.138	2.767 ^b	2.000	40.000	.075	.122
	Roy's Largest Root	.138	2.767 ^b	2.000	40.000	.075	.122

a. Design: Intercept
Within Subjects Design: Repetition

b. Exact statistic

Mauchly's Test of Sphericity^a

Measure: Ease

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b		
					Greenhouse-Geisser	Huynh-Feldt	Lower-bound
Repetition	.881	5.057	2	.080	.894	.932	.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: Repetition

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: Ease

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Repetition	Sphericity Assumed	591.266	2	295.633	3.793	.027	.085
	Greenhouse-Geisser	591.266	1.788	330.745	3.793	.031	.085
	Huynh-Feldt	591.266	1.864	317.243	3.793	.030	.085
	Lower-bound	591.266	1.000	591.266	3.793	.058	.085
Error(Repetition)	Sphericity Assumed	6391.572	82	77.946			
	Greenhouse-Geisser	6391.572	73.295	87.204			
	Huynh-Feldt	6391.572	76.414	83.644			
	Lower-bound	6391.572	41.000	155.892			

Tests of Within-Subjects Contrasts

Measure: Ease

Source		Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Repetition	Level 2 vs. Level 1	.367	1	.367	.004	.953	.000
	Level 3 vs. Level 1	904.763	1	904.763	5.094	.029	.111
Error(Repetition)	Level 2 vs. Level 1	4201.506	41	102.476			
	Level 3 vs. Level 1	7282.361	41	177.619			

Tests of Between-Subjects Effects

Measure: Ease

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	101435.378	1	101435.378	229.699	.000	.849
Error	18105.637	41	441.601			

Estimated Marginal Means

Repetition

Estimates

Measure: Ease

Repetition	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	47.566	3.299	40.903	54.229
2	47.659	3.400	40.792	54.526
3	52.207	3.579	44.980	59.434

Pairwise Comparisons

Measure: Ease

(I) Repetition	(J) Repetition	Mean Difference (I-J)	Std. Error	Sig. ^a	95% Confidence Interval for Difference ^a	
					Lower Bound	Upper Bound
1	2	-.094	1.562	1.000	-3.993	3.806
	3	-4.641	2.056	.088	-9.775	.492
2	1	.094	1.562	1.000	-3.806	3.993
	3	-4.548	2.113	.112	-9.823	.728
3	1	4.641	2.056	.088	-.492	9.775
	2	4.548	2.113	.112	-.728	9.823

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	.122	2.767 ^a	2.000	40.000	.075	.122
Wilks' lambda	.878	2.767 ^a	2.000	40.000	.075	.122
Hotelling's trace	.138	2.767 ^a	2.000	40.000	.075	.122
Roy's largest root	.138	2.767 ^a	2.000	40.000	.075	.122

Each F tests the multivariate effect of Repetition. These tests are based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Exact statistic

Profile Plots

Estimated Marginal Means of Ease

