```
SAVE OUTFILE='/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/all '+
    'groups bn.sav'
 /COMPRESSED.
GET
  FILE='/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sav'
DATASET NAME DataSet3 WINDOW=FRONT.
DATASET ACTIVATE DataSet3.
DATASET CLOSE DataSet2.
SAVE OUTFILE='/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp
.sav'
 /COMPRESSED.
GLM expslope expfaslope matslope mownslope
  /WSFACTOR=group 2 Polynomial comparison 2 Polynomial
  /METHOD=SSTYPE(3)
  /EMMEANS=TABLES(group)
  /EMMEANS=TABLES(comparison)
  /EMMEANS=TABLES(group*comparison)
  /PRINT=DESCRIPTIVE ETASQ
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=group comparison group*comparison.
```

General Linear Model

Notes

Output Created		**19-Jul-2012 01:35:29**
Comments		
Input	**Data**	**/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sav**
	Active Dataset	**DataSet3**
	Filter	**<none>**
	Weight	**<none>**
	Split File	**<none>**
	N of Rows in Working Data File	**67**
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 expslope expfaslope matslope mownslope /WSFACTOR=group 2 Polynomial comparison 2 Polynomial /METHOD=SSTYPE(3) /EMMEANS=TABLES(group) /EMMEANS=TABLES (comparison) /EMMEANS=TABLES (group*comparison) /PRINT=DESCRIPTIVE ETASQ /CRITERIA=ALPHA(.05) /WSDESIGN=group comparison group*comparison.**
Resources	**Processor Time**	**00:00:00.020**
	Elapsed Time	**00:00:00.000**

[DataSet3] /Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sa

Within-Subjects Factors

Measure:MEASURE_1

group	comparison	Dependent Variable
1	1	expslope
	2	expfaslope
2	1	matslope
	2	mownslope

Descriptive Statistics

	Mean	Std. Deviation	N
expslope	.5375	.17712	41
expfaslope	.2593	.19622	41
matslope	.1988	.16705	41
mownslope	.2301	.22950	41

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
group	Sphericity Assumed	1.388	1	1.388	25.654
	Greenhouse-Geisser	1.388	1.000	1.388	25.654
	Huynh-Feldt	1.388	1.000	1.388	25.654
	Lower-bound	1.388	1.000	1.388	25.654
Error(group)	Sphericity Assumed	2.164	40	.054	
	Greenhouse-Geisser	2.164	40.000	.054	
	Huynh-Feldt	2.164	40.000	.054	
	Lower-bound	2.164	40.000	.054	
comparison	Sphericity Assumed	.625	1	.625	24.580
	Greenhouse-Geisser	.625	1.000	.625	24.580
	Huynh-Feldt	.625	1.000	.625	24.580
	Lower-bound	.625	1.000	.625	24.580
Error(comparison)	Sphericity Assumed	1.018	40	.025	
	Greenhouse-Geisser	1.018	40.000	.025	
	Huynh-Feldt	1.018	40.000	.025	
	Lower-bound	1.018	40.000	.025	
group * comparison	Sphericity Assumed	.982	1	.982	41.094
	Greenhouse-Geisser	.982	1.000	.982	41.094
	Huynh-Feldt	.982	1.000	.982	41.094
	Lower-bound	.982	1.000	.982	41.094
Error (group*comparison)	Sphericity Assumed	.956	40	.024	
	Greenhouse-Geisser	.956	40.000	.024	
	Huynh-Feldt	.956	40.000	.024	
	Lower-bound	.956	40.000	.024	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
group	Sphericity Assumed	.000	.391
	Greenhouse-Geisser	.000	.391
	Huynh-Feldt	.000	.391
	Lower-bound	.000	.391
comparison	Sphericity Assumed	.000	.381
	Greenhouse-Geisser	.000	.381
	Huynh-Feldt	.000	.381
	Lower-bound	.000	.381
group * comparison	Sphericity Assumed	.000	.507
	Greenhouse-Geisser	.000	.507
	Huynh-Feldt	.000	.507
	Lower-bound	.000	.507

Estimated Marginal Means

1. group

Measure:MEASURE_1

group	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	.398	.024	.350	.446
2	.214	.026	.162	.267

2. comparison

Measure:MEASURE_1

comparison	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	.368	.017	.334	.402
2	.245	.024	.195	.294

3. group * comparison

Measure:MEASURE_1

group	comparison	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	.538	.028	.482	.593
	2	.259	.031	.197	.321
2	1	.199	.026	.146	.252
	2	.230	.036	.158	.302

```
GLM expint expfaint matint mownint
  /WSFACTOR=group 2 Polynomial comparison 2 Polynomial
  /METHOD=SSTYPE(3)
  /EMMEANS=TABLES(group)
  /EMMEANS=TABLES(comparison)
  /EMMEANS=TABLES(group*comparison)
  /PRINT=DESCRIPTIVE ETASQ
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=group comparison group*comparison.
```

General Linear Model

Notes

Output Created		19-Jul-2012 01:36:34
Comments		
Input	Data	/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sav
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	67
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 expint expfaint matint mownint /WSFACTOR=group 2 Polynomial comparison 2 Polynomial /METHOD=SSTYPE(3) /EMMEANS=TABLES(group) /EMMEANS=TABLES (comparison) /EMMEANS=TABLES (group*comparison) /PRINT=DESCRIPTIVE ETASQ /CRITERIA=ALPHA(.05) /WSDESIGN=group comparison group*comparison.
Resources	Processor Time	00:00:00.016
	Elapsed Time	00:00:00.000

[DataSet3] /Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sa

Within-Subjects Factors

Measure:MEASURE_1

group	comparison	Dependent Variable
1	1	expint
	2	expfaint
2	1	matint
	2	mownint

Descriptive Statistics

	Mean	Std. Deviation	N
expint	35.8083	15.47445	41
expfaint	72.2515	12.03032	41
matint	46.5765	16.80635	41
mownint	62.5639	14.92847	41

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Type III Sum of Squares	df	Mean Square	F
group	Sphericity Assumed	11.970	1	11.970	.045
	Greenhouse-Geisser	11.970	1.000	11.970	.045
	Huynh-Feldt	11.970	1.000	11.970	.045
	Lower-bound	11.970	1.000	11.970	.045
Error(group)	Sphericity Assumed	10589.818	40	264.745	
	Greenhouse-Geisser	10589.818	40.000	264.745	
	Huynh-Feldt	10589.818	40.000	264.745	
	Lower-bound	10589.818	40.000	264.745	
comparison	Sphericity Assumed	28176.931	1	28176.931	349.564
	Greenhouse-Geisser	28176.931	1.000	28176.931	349.564
	Huynh-Feldt	28176.931	1.000	28176.931	349.564
	Lower-bound	28176.931	1.000	28176.931	349.564
Error(comparison)	Sphericity Assumed	3224.238	40	80.606	
	Greenhouse-Geisser	3224.238	40.000	80.606	
	Huynh-Feldt	3224.238	40.000	80.606	
	Lower-bound	3224.238	40.000	80.606	
group * comparison	Sphericity Assumed	4288.964	1	4288.964	43.897
	Greenhouse-Geisser	4288.964	1.000	4288.964	43.897
	Huynh-Feldt	4288.964	1.000	4288.964	43.897
	Lower-bound	4288.964	1.000	4288.964	43.897
Error (group*comparison)	Sphericity Assumed	3908.166	40	97.704	
	Greenhouse-Geisser	3908.166	40.000	97.704	
	Huynh-Feldt	3908.166	40.000	97.704	
	Lower-bound	3908.166	40.000	97.704	

Tests of Within-Subjects Effects

Measure:MEASURE_1

Source		Sig.	Partial Eta Squared
group	Sphericity Assumed	.833	.001
	Greenhouse-Geisser	.833	.001
	Huynh-Feldt	.833	.001
	Lower-bound	.833	.001
comparison	Sphericity Assumed	.000	.897
	Greenhouse-Geisser	.000	.897
	Huynh-Feldt	.000	.897
	Lower-bound	.000	.897
group * comparison	Sphericity Assumed	.000	.523
	Greenhouse-Geisser	.000	.523
	Huynh-Feldt	.000	.523
	Lower-bound	.000	.523

Estimated Marginal Means

1. group

Measure:MEASURE_1

group	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	54.030	1.891	50.208	57.852
2	54.570	2.257	50.008	59.133

2. comparison

Measure:MEASURE_1

comparison	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	41.192	1.882	37.388	44.997
2	67.408	1.698	63.975	70.840

3. group * comparison

Measure:MEASURE_1

group	comparison	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	35.808	2.417	30.924	40.693
	2	72.251	1.879	68.454	76.049
2	1	46.576	2.625	41.272	51.881
	2	62.564	2.331	57.852	67.276

```
T-TEST PAIRS=expslope expslope expslope matslope expint expint expint matint WITH matslope mown
slope expfaslope mownslope matint mownint expfaint mownint (PAIRED)
  /CRITERIA=CI(.9500)
  /MISSING=ANALYSIS.
```

T-Test

Notes

Output Created		19-Jul-2012 01:38:39
Comments		
Input	Data	/Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sav
	Active Dataset	DataSet3
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	67
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	Statistics for each analysis are based on the cases with no missing or out-of-range data for any variable in the analysis.
Syntax		T-TEST PAIRS=expslope expslope expslope matslope expint expint expint matint WITH matslope mownslope expfaslope mownslope matint mownint expfaint mownint (PAIRED) /CRITERIA=CI(.9500) /MISSING=ANALYSIS.
Resources	Processor Time	00:00:00.005
	Elapsed Time	00:00:00.000

[DataSet3] /Users/Erin/Documents/RESEARCH/1 MSU/2 writing/longitudinal ratings/data/just exp.sa

Paired Samples Statistics

		Mean	N	Std. Deviation	Std. Error Mean
Pair 1	expslope	.5375	41	.17712	.02766
	matslope	.1988	41	.16705	.02609
Pair 2	expslope	.5375	41	.17712	.02766
	mownslope	.2301	41	.22950	.03584
Pair 3	expslope	.5375	41	.17712	.02766
	expfaslope	.2593	41	.19622	.03064
Pair 4	matslope	.1988	41	.16705	.02609
	mownslope	.2301	41	.22950	.03584
Pair 5	expint	35.8083	41	15.47445	2.41670
	matint	46.5765	41	16.80635	2.62471
Pair 6	expint	35.8083	41	15.47445	2.41670
	mownint	62.5639	41	14.92847	2.33144
Pair 7	expint	35.8083	41	15.47445	2.41670
	expfaint	72.2515	41	12.03032	1.87882
Pair 8	matint	46.5765	41	16.80635	2.62471
	mownint	62.5639	41	14.92847	2.33144

Paired Samples Correlations

		N	Correlation	Sig.
Pair 1	expslope & matslope	41	-.215	.178
Pair 2	expslope & mownslope	41	-.029	.859
Pair 3	expslope & expfaslope	41	.325	.038
Pair 4	matslope & mownslope	41	.380	.014
Pair 5	expint & matint	41	.114	.479
Pair 6	expint & mownint	41	.161	.315
Pair 7	expint & expfaint	41	.544	.000
Pair 8	matint & mownint	41	.659	.000

Paired Samples Test

		Paired Differences				
					95% Confidence Interval of the Difference	
		Mean	Std. Deviation	Std. Error Mean	Lower	Upper
Pair 1	expslope - matslope	.33875	.26829	.04190	.25407	.42343
Pair 2	expslope - mownslope	.30747	.29388	.04590	.21471	.40024
Pair 3	expslope - expfaslope	.27826	.21738	.03395	.20965	.34688
Pair 4	matslope - mownslope	-.03128	.22677	.03541	-.10285	.04030
Pair 5	expint - matint	-10.76817	21.51228	3.35965	-17.55829	-3.97806
Pair 6	expint - mownint	-26.75563	19.69597	3.07599	-32.97244	-20.53881
Pair 7	expint - expfaint	-36.44315	13.48290	2.10568	-40.69888	-32.18742
Pair 8	matint - mownint	-15.98746	13.22239	2.06499	-20.16096	-11.81396

Paired Samples Test

		t	df	Sig. (2-tailed)
Pair 1	expslope - matslope	8.085	40	.000
Pair 2	expslope - mownslope	6.699	40	.000
Pair 3	expslope - expfaslope	8.197	40	.000
Pair 4	matslope - mownslope	-.883	40	.382
Pair 5	expint - matint	-3.205	40	.003
Pair 6	expint - mownint	-8.698	40	.000
Pair 7	expint - expfaint	-17.307	40	.000
Pair 8	matint - mownint	-7.742	40	.000