

GET

```
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  /METHOD=SSTYPE(3)  
  /POSTHOC=Age3categories(LSD)  
  /PLOT=PROFILE(Instrumental*Age3categories)  
  /EMMEANS=TABLES(OVERALL)  
  /EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)  
  /EMMEANS=TABLES(Instrumental) COMPARE ADJ(LSD)  
  /EMMEANS=TABLES(Age3categories*Instrumental)  
  /PRINT=DESCRIPTIVE ETASQ OPOWER  
  /CRITERIA=ALPHA(.05)  
  /WSDSIGN=Instrumental  
  /DESIGN=Age3categories.
```

General Linear Model

Notes

Output Created	30-OCT-2012 11:49:16	
Comments		
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	Active Dataset	DataSet1
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	N of Rows in Working Data File	579
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 muminstrumental dadinstrumental sibinstrumental relativeinstrumental romanticinstrumental samesexinstrumental othersexinstrumental extrainstrumental BY Age3categories /WSFACTOR=Instrumental 1 8 Polynomial /METHOD=SSTYPE(3) /POSTHOC=Age3categories(LSD) /PLOT=PROFILE (Instrumental*Age3categories) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Age3categories) COMPARE ADJ(LSD) /EMMEANS=TABLES (Instrumental) COMPARE ADJ(LSD) /EMMEANS=TABLES (Age3categories*Instrumental) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05) /WSDESIGN=Instrumental /DESIGN=Age3categories.
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[DataSet1] E:\thesis stuff\writing&spss printouts\SPSS stuff\variabldata3
AGEGROUPS.sav

Within-Subjects Factors

Measure: MEASURE_1

Instrumental	Dependent Variable
1	muminstrumental
2	dadinstrumental
3	sibinstrumental
4	relativeinstrumental
5	romanticinstrumental
6	samesexinstrumental
7	othersexinstrumental
8	extrainstrumental

Between-Subjects Factors

	N
Age3categories 1.00	269
2.00	201
3.00	79

Descriptive Statistics

	Age3categories	Mean	Std. Deviation	N
muminstrumental	1.00	3.6332	.98376	269
	2.00	3.1260	1.17834	201
	3.00	1.9873	1.06811	79
	Total	3.2107	1.20351	549
dadinstrumental	1.00	3.1933	1.17314	269
	2.00	2.8773	1.18527	201
	3.00	1.9578	1.18678	79
	Total	2.8998	1.24766	549
sibinstrumental	1.00	2.4052	1.14016	269
	2.00	2.1824	1.17658	201
	3.00	2.0886	.85019	79
	Total	2.2781	1.12264	549
relativeinstrumental	1.00	2.1599	1.05432	269
	2.00	1.9337	1.01161	201
	3.00	1.4937	.95759	79
	Total	1.9812	1.04804	549
romanticinstrumental	1.00	2.9009	1.33212	269
	2.00	3.1973	1.30140	201
	3.00	3.3038	1.23134	79
	Total	3.0674	1.31516	549
samesexinstrumental	1.00	3.0372	.99723	269
	2.00	2.8823	.82325	201
	3.00	2.4557	1.01580	79
	Total	2.8968	.95831	549
othersexinstrumental	1.00	2.3532	1.05391	269
	2.00	2.2670	1.00831	201
	3.00	1.9620	1.07283	79
	Total	2.2653	1.04648	549
extrainstrumental	1.00	2.1152	1.45508	269
	2.00	2.0265	1.29115	201
	3.00	1.7595	1.33860	79
	Total	2.0316	1.38312	549

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df
Instrumental	Pillai's Trace	.512	81.049 ^b	7.000	540.000
	Wilks' Lambda	.488	81.049 ^b	7.000	540.000
	Hotelling's Trace	1.051	81.049 ^b	7.000	540.000
	Roy's Largest Root	1.051	81.049 ^b	7.000	540.000
Instrumental * Age3categories	Pillai's Trace	.204	8.789	14.000	1082.000
	Wilks' Lambda	.798	9.238 ^b	14.000	1080.000
	Hotelling's Trace	.252	9.687	14.000	1078.000
	Roy's Largest Root	.242	18.739 ^c	7.000	541.000

Multivariate Tests^a

Effect		Sig.	Partial Eta Squared	Noncent. Parameter
Instrumental	Pillai's Trace	.000	.512	567.341
	Wilks' Lambda	.000	.512	567.341
	Hotelling's Trace	.000	.512	567.341
	Roy's Largest Root	.000	.512	567.341
Instrumental * Age3categories	Pillai's Trace	.000	.102	123.050
	Wilks' Lambda	.000	.107	129.331
	Hotelling's Trace	.000	.112	135.624
	Roy's Largest Root	.000	.195	131.171

Multivariate Tests^a

Effect		Observed Power ^d
Instrumental	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000
Instrumental * Age3categories	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000

a. Design: Intercept + Age3categories
Within Subjects Design: Instrumental

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

d. Computed using alpha = .05

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b
					Greenhouse-Geisser
Instrumental	.525	350.083	27	.000	.846

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Epsilon ^b	
	Huynh-Feldt	Lower-bound
Instrumental	.859	.143

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

a. Design: Intercept + Age3categories

Within Subjects Design: Instrumental

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
Instrumental	Sphericity Assumed	650.608	7	92.944
	Greenhouse-Geisser	650.608	5.920	109.897
	Huynh-Feldt	650.608	6.014	108.178
	Lower-bound	650.608	1.000	650.608
Instrumental * Age3categories	Sphericity Assumed	175.106	14	12.508
	Greenhouse-Geisser	175.106	11.840	14.789
	Huynh-Feldt	175.106	12.029	14.558
	Lower-bound	175.106	2.000	87.553
Error(Instrumental)	Sphericity Assumed	4135.706	3822	1.082
	Greenhouse-Geisser	4135.706	3232.419	1.279
	Huynh-Feldt	4135.706	3283.785	1.259
	Lower-bound	4135.706	546.000	7.575

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		F	Sig.	Partial Eta Squared
Instrumental	Sphericity Assumed	85.894	.000	.136
	Greenhouse-Geisser	85.894	.000	.136
	Huynh-Feldt	85.894	.000	.136
	Lower-bound	85.894	.000	.136
Instrumental * Age3categories	Sphericity Assumed	11.559	.000	.041
	Greenhouse-Geisser	11.559	.000	.041
	Huynh-Feldt	11.559	.000	.041
	Lower-bound	11.559	.000	.041
Error(Instrumental)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Noncent. Parameter	Observed Power ^a
Instrumental	Sphericity Assumed	601.257	1.000
	Greenhouse-Geisser	508.508	1.000
	Huynh-Feldt	516.588	1.000
	Lower-bound	85.894	1.000
Instrumental * Age3categories	Sphericity Assumed	161.824	1.000
	Greenhouse-Geisser	136.861	1.000
	Huynh-Feldt	139.036	1.000
	Lower-bound	23.118	.994
Error(Instrumental)	Sphericity Assumed		
	Greenhouse-Geisser		
	Huynh-Feldt		
	Lower-bound		

a. Computed using alpha = .05

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Instrumental	Type III Sum of Squares	df	Mean Square	F
Instrumental	Linear	92.720	1	92.720	55.893
	Quadratic	2.434	1	2.434	2.228
	Cubic	230.218	1	230.218	241.620
	Order 4	.419	1	.419	.400
	Order 5	212.097	1	212.097	245.969
	Order 6	.791	1	.791	.937
	Order 7	111.931	1	111.931	100.213
Instrumental * Age3categories	Linear	68.793	2	34.396	20.735
	Quadratic	50.150	2	25.075	22.953
	Cubic	3.292	2	1.646	1.728
	Order 4	5.781	2	2.890	2.760
	Order 5	2.408	2	1.204	1.397
	Order 6	2.411	2	1.206	1.429
	Order 7	42.271	2	21.135	18.923
Error(Instrumental)	Linear	905.751	546	1.659	
	Quadratic	596.484	546	1.092	
	Cubic	520.233	546	.953	
	Order 4	571.775	546	1.047	
	Order 5	470.811	546	.862	
	Order 6	460.807	546	.844	
	Order 7	609.845	546	1.117	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Instrumental	Sig.	Partial Eta Squared	Noncent. Parameter
Instrumental	Linear	.000	.093	55.893
	Quadratic	.136	.004	2.228
	Cubic	.000	.307	241.620
	Order 4	.528	.001	.400
	Order 5	.000	.311	245.969
	Order 6	.333	.002	.937
	Order 7	.000	.155	100.213
Instrumental * Age3categories	Linear	.000	.071	41.469
	Quadratic	.000	.078	45.905
	Cubic	.179	.006	3.455
	Order 4	.064	.010	5.520
	Order 5	.248	.005	2.793
	Order 6	.241	.005	2.857
	Order 7	.000	.065	37.846
Error(Instrumental)	Linear			
	Quadratic			
	Cubic			
	Order 4			
	Order 5			
	Order 6			
	Order 7			

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	Instrumental	Observed Power ^a
Instrumental	Linear	1.000
	Quadratic	.319
	Cubic	1.000
	Order 4	.097
	Order 5	1.000
	Order 6	.162
	Order 7	1.000
Instrumental * Age3categories	Linear	1.000
	Quadratic	1.000
	Cubic	.363
	Order 4	.544
	Order 5	.300
	Order 6	.306
	Order 7	1.000
Error(Instrumental)	Linear	
	Quadratic	
	Cubic	
	Order 4	
	Order 5	
	Order 6	
	Order 7	

a. Computed using alpha = .05

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	20586.855	1	20586.855	7241.353	.000	.930
Age3categories	175.866	2	87.933	30.930	.000	.102
Error	1552.255	546	2.843			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power ^a
Intercept	7241.353	1.000
Age3categories	61.860	1.000
Error		

a. Computed using alpha = .05

Estimated Marginal Means

1. Grand Mean

Measure: MEASURE_1

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
2.471	.029	2.414	2.528

2. Age3categories

Estimates

Measure: MEASURE_1

Age3categories	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	2.725	.036	2.653	2.796
2.00	2.562	.042	2.479	2.644
3.00	2.126	.067	1.994	2.258

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval
					Lower Bound
1.00	2.00	.163 [*]	.056	.003	.054
	3.00	.599 [*]	.076	.000	.449
2.00	1.00	-.163 [*]	.056	.003	-.272
	3.00	.436 [*]	.079	.000	.280
3.00	1.00	-.599 [*]	.076	.000	-.749
	2.00	-.436 [*]	.079	.000	-.591

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	95% Confidence Interval
		Upper Bound
1.00	2.00	.272
	3.00	.749
2.00	1.00	-.054
	3.00	.591
3.00	1.00	-.449
	2.00	-.280

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests

Measure: MEASURE_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	21.983	2	10.992	30.930	.000	.102
Error	194.032	546	.355			

Univariate Tests

Measure: MEASURE_1

	Noncent. Parameter	Observed Power ^a
Contrast	61.860	1.000
Error		

The F tests the effect of Age3categories. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Computed using alpha = .05

3. Instrumental

Estimates

Measure: MEASURE_1

Instrumental	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.916	.052	2.813	3.018
2	2.676	.057	2.563	2.789
3	2.225	.054	2.119	2.332
4	1.862	.050	1.764	1.961
5	3.134	.064	3.009	3.259
6	2.792	.046	2.702	2.882
7	2.194	.051	2.095	2.294
8	1.967	.067	1.835	2.099

Pairwise Comparisons

Measure: MEASURE_1

(I) Instrumental	(J) Instrumental	Mean Difference (I- J)	Std. Error	Sig. ^b	95% Confidence b...
					Lower Bound
1	2	.239 [*]	.058	.000	.125
	3	.690 [*]	.064	.000	.564
	4	1.053 [*]	.062	.000	.931
	5	-.218 [*]	.078	.005	-.372
	6	.124 [*]	.062	.046	.002
	7	.721 [*]	.069	.000	.587
	8	.948 [*]	.079	.000	.794
2	1	-.239 [*]	.058	.000	-.354
	3	.451 [*]	.067	.000	.320
	4	.814 [*]	.067	.000	.683
	5	-.458 [*]	.084	.000	-.623
	6	-.116	.069	.093	-.251
	7	.482 [*]	.072	.000	.340
	8	.709 [*]	.085	.000	.543
3	1	-.690 [*]	.064	.000	-.817
	2	-.451 [*]	.067	.000	-.582
	4	.363 [*]	.067	.000	.232
	5	-.909 [*]	.083	.000	-1.071
	6	-.566 [*]	.064	.000	-.693
	7	.031	.067	.640	-.100
	8	.258 [*]	.080	.001	.102
4	1	-1.053 [*]	.062	.000	-1.176
	2	-.814 [*]	.067	.000	-.944
	3	-.363 [*]	.067	.000	-.495
	5	-1.272 [*]	.079	.000	-1.427
	6	-.929 [*]	.061	.000	-1.049
	7	-.332 [*]	.062	.000	-.453
	8	-.105	.075	.162	-.252
5	1	.218 [*]	.078	.005	.065
	2	.458 [*]	.084	.000	.293
	3	.909 [*]	.083	.000	.746
	4	1.272 [*]	.079	.000	1.117
	6	.342 [*]	.076	.000	.193
	7	.940 [*]	.082	.000	.779
	8	1.167 [*]	.089	.000	.992
6	1	-.124 [*]	.062	.046	-.245
	2	.116	.069	.093	-.019
	3	.566 [*]	.064	.000	.440
	4	.929 [*]	.061	.000	.810

Pairwise Comparisons

Measure: MEASURE_1

		95% Confidence Int...
(I) Instrumental	(J) Instrumental	Upper Bound
1	2	.354
	3	.817
	4	1.176
	5	-.065
	6	.245
	7	.856
	8	1.103
2	1	-.125
	3	.582
	4	.944
	5	-.293
	6	.019
	7	.624
	8	.875
3	1	-.564
	2	-.320
	4	.495
	5	-.746
	6	-.440
	7	.163
	8	.415
4	1	-.931
	2	-.683
	3	-.232
	5	-1.117
	6	-.810
	7	-.210
	8	.042
5	1	.372
	2	.623
	3	1.071
	4	1.427
	6	.491
	7	1.101
	8	1.342
6	1	-.002
	2	.251
	3	.693
	4	1.049

Pairwise Comparisons

Measure: MEASURE_1

		Mean Difference (I- J)	Std. Error	Sig. ^b	95% Confidence ^b ...
(I) Instrumental	(J) Instrumental				Lower Bound
7	5	-.342 [*]	.076	.000	-.491
	7	.598 [*]	.050	.000	.499
	8	.825 [*]	.071	.000	.686
	1	-.721 [*]	.069	.000	-.856
	2	-.482 [*]	.072	.000	-.624
	3	-.031	.067	.640	-.163
	4	.332 [*]	.062	.000	.210
	5	-.940 [*]	.082	.000	-1.101
	6	-.598 [*]	.050	.000	-.696
	8	.227 [*]	.069	.001	.091
8	1	-.948 [*]	.079	.000	-1.103
	2	-.709 [*]	.085	.000	-.875
	3	-.258 [*]	.080	.001	-.415
	4	.105	.075	.162	-.042
	5	-1.167 [*]	.089	.000	-1.342
	6	-.825 [*]	.071	.000	-.964
	7	-.227 [*]	.069	.001	-.363

Pairwise Comparisons

Measure: MEASURE_1

		95% Confidence Int...
(I) Instrumental	(J) Instrumental	Upper Bound
7	5	-.193
	7	.696
	8	.964
	1	-.587
	2	-.340
	3	.100
	4	.453
	5	-.779
8	6	-.499
	8	.363
	1	-.794
	2	-.543
	3	-.102
	4	.252
	5	-.992
	6	-.686
	7	-.091

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.512	81.049 ^a	7.000	540.000	.000	.512
Wilks' lambda	.488	81.049 ^a	7.000	540.000	.000	.512
Hotelling's trace	1.051	81.049 ^a	7.000	540.000	.000	.512
Roy's largest root	1.051	81.049 ^a	7.000	540.000	.000	.512

Multivariate Tests

	Noncent. Parameter	Observed Power ^b
Pillai's trace	567.341	1.000
Wilks' lambda	567.341	1.000
Hotelling's trace	567.341	1.000
Roy's largest root	567.341	1.000

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

- a. Exact statistic
- b. Computed using alpha = .05

4. Age3categories * Instrumental

Measure: MEASURE_1

Age3categories	Instrumental	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	1	3.633	.065	3.505	3.761
	2	3.193	.072	3.052	3.335
	3	2.405	.068	2.271	2.539
	4	2.160	.063	2.037	2.283
	5	2.901	.080	2.744	3.057
	6	3.037	.057	2.925	3.150
	7	2.353	.063	2.229	2.478
	8	2.115	.084	1.950	2.281
2.00	1	3.126	.076	2.978	3.274
	2	2.877	.083	2.714	3.041
	3	2.182	.079	2.028	2.337
	4	1.934	.072	1.792	2.076
	5	3.197	.092	3.016	3.378
	6	2.882	.066	2.752	3.013
	7	2.267	.073	2.123	2.411
	8	2.027	.097	1.835	2.218
3.00	1	1.987	.120	1.751	2.224
	2	1.958	.133	1.697	2.218
	3	2.089	.126	1.842	2.336
	4	1.494	.115	1.267	1.720
	5	3.304	.147	3.015	3.593
	6	2.456	.106	2.248	2.663
	7	1.962	.117	1.732	2.192
	8	1.759	.155	1.454	2.065

Post Hoc Tests

Age3categories

Multiple Comparisons

Measure: MEASURE_1

LSD

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig.	95% ...
					Lower Bound
1.00	2.00	.1632 [*]	.05558	.003	.0540
	3.00	.5987 [*]	.07629	.000	.4488
2.00	1.00	-.1632 [*]	.05558	.003	-.2724
	3.00	.4355 [*]	.07916	.000	.2800
3.00	1.00	-.5987 [*]	.07629	.000	-.7485
	2.00	-.4355 [*]	.07916	.000	-.5910

Multiple Comparisons

Measure: MEASURE_1

LSD

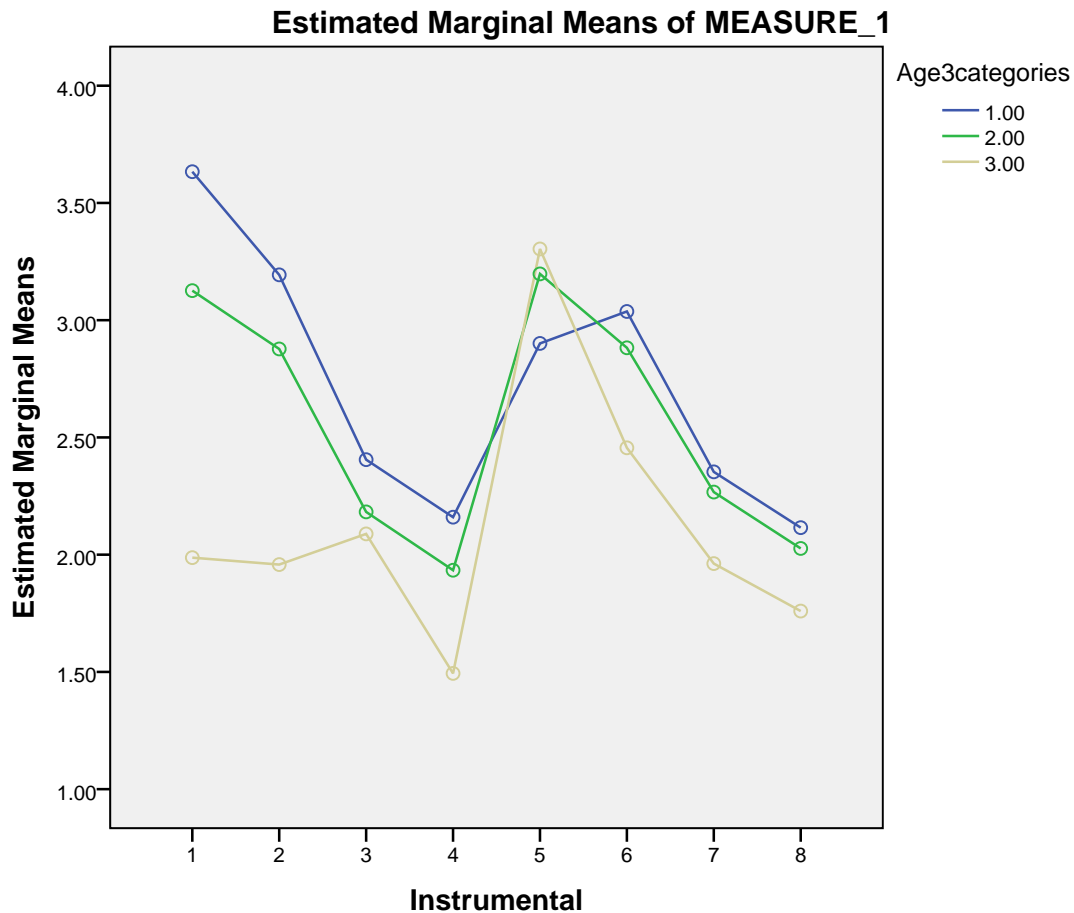
(I) Age3categories	(J) Age3categories	95% ...
		Upper Bound
1.00	2.00	.2724
	3.00	.7485
2.00	1.00	-.0540
	3.00	.5910
3.00	1.00	-.4488
	2.00	-.2800

Based on observed means.

The error term is Mean Square(Error) = .355.

*. The mean difference is significant at the .05 level.

Profile Plots



GET

```
FILE='G:\thesis stuff\writing&spss printouts\SPSS stuff\variabledata3AGEGROUPS.sav'.
DATASET NAME DataSet1 WINDOW=FRONT.
GLM mumaffection dadaffection sibaffection relativeaffection romanticaffecton samesexaffect
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  /METHOD=SSTYPE(3)
  /POSTHOC=Age3categories(LSD)
  /PLOT=PROFILE(affection*Age3categories)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(affection) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(Age3categories*affection)
  /PRINT=DESCRIPTIVE ETASQ OPOWER
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=affection
  /DESIGN=Age3categories.
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General Linear Model

Notes

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	Cases Used	Statistics are based on all cases with valid data for all variables in the model.
Syntax		GLM mumaffection dadaffection sibaffection relativeaffection romanticaffection samesexaffection othersexaffection extraaffection BY Age3categories /WSFACTOR=affection 8 Polynomial /METHOD=SSTYPE(3) /POSTHOC=Age3categori es(LSD) /PLOT=PROFILE (affection*Age3categories) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Age3categories) COMPARE ADJ(LSD) /EMMEANS=TABLES (affection) COMPARE ADJ (LSD) /EMMEANS=TABLES (Age3categories*affection) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05) /WSDSIGN=affection /DESIGN=Age3categories.

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[DataSet1] G:\thesis stuff\writing&spss printouts\SPSS stuff\variabledata3
AGEGROUPS.sav

Within-Subjects Factors

Measure: MEASURE_1

affection	Dependent Variable
1	mumaffection
2	dadaffection
3	sibaffection
4	relativeaffection
5	romanticaffect ion
6	samesexaffect ion
7	othersexaffect ion
8	extraaffection

Between-Subjects Factors

	N
Age3categories 1.00	269
2.00	201
3.00	79

Descriptive Statistics

	Age3categories	Mean	Std. Deviation	N
mumaffection	1.00	4.6121	.70851	269
	2.00	4.3831	.97454	201
	3.00	3.4093	1.45976	79
	Total	4.3552	1.02816	549
dadaffection	1.00	4.2900	1.05967	269
	2.00	4.1260	1.14243	201
	3.00	3.1139	1.56610	79
	Total	4.0607	1.23741	549
sibaffection	1.00	3.8996	1.31559	269
	2.00	3.6269	1.52446	201
	3.00	3.5274	1.05896	79
	Total	3.7462	1.37036	549
relativeaffection	1.00	3.9182	1.11373	269
	2.00	3.6468	1.18633	201
	3.00	2.6709	1.61236	79
	Total	3.6393	1.28984	549
romanticaffection	1.00	3.7596	1.53187	269
	2.00	4.0580	1.34596	201
	3.00	4.0338	1.24447	79
	Total	3.9083	1.43199	549
samesexaffection	1.00	3.8488	.90114	269
	2.00	3.6932	.87709	201
	3.00	3.0549	1.13784	79
	Total	3.6776	.96569	549
othersexaffection	1.00	3.1375	1.07920	269
	2.00	3.0912	1.07185	201
	3.00	2.4684	1.22127	79
	Total	3.0243	1.11967	549
extraaffection	1.00	2.6778	1.73190	269
	2.00	2.7197	1.67745	201
	3.00	2.3333	1.65207	79
	Total	2.6436	1.70262	549

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df
affection	Pillai's Trace	.469	68.110 ^b	7.000	540.000
	Wilks' Lambda	.531	68.110 ^b	7.000	540.000
	Hotelling's Trace	.883	68.110 ^b	7.000	540.000
	Roy's Largest Root	.883	68.110 ^b	7.000	540.000
affection * Age3categories	Pillai's Trace	.143	5.937	14.000	1082.000
	Wilks' Lambda	.859	6.073 ^b	14.000	1080.000
	Hotelling's Trace	.161	6.210	14.000	1078.000
	Roy's Largest Root	.145	11.207 ^c	7.000	541.000

Multivariate Tests^a

Effect		Sig.	Partial Eta Squared	Noncent. Parameter
affection	Pillai's Trace	.000	.469	476.771
	Wilks' Lambda	.000	.469	476.771
	Hotelling's Trace	.000	.469	476.771
	Roy's Largest Root	.000	.469	476.771
affection * Age3categories	Pillai's Trace	.000	.071	83.113
	Wilks' Lambda	.000	.073	85.027
	Hotelling's Trace	.000	.075	86.938
	Roy's Largest Root	.000	.127	78.450

Multivariate Tests^a

Effect		Observed Power ^d
affection	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000
affection * Age3categories	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000

a. Design: Intercept + Age3categories
Within Subjects Design: affection

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

d. Computed using alpha = .05

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b
					Greenhouse-Geisser
affection	.358	558.409	27	.000	.779

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Epsilon ^b	
	Huynh-Feldt	Lower-bound
affection	.791	.143

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

a. Design: Intercept + Age3categories

Within Subjects Design: affection

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
affection	Sphericity Assumed	834.502	7	119.215
	Greenhouse-Geisser	834.502	5.455	152.982
	Huynh-Feldt	834.502	5.537	150.727
	Lower-bound	834.502	1.000	834.502
affection * Age3categories	Sphericity Assumed	133.616	14	9.544
	Greenhouse-Geisser	133.616	10.910	12.247
	Huynh-Feldt	133.616	11.073	12.067
	Lower-bound	133.616	2.000	66.808
Error(affection)	Sphericity Assumed	5128.836	3822	1.342
	Greenhouse-Geisser	5128.836	2978.376	1.722
	Huynh-Feldt	5128.836	3022.942	1.697
	Lower-bound	5128.836	546.000	9.393

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		F	Sig.	Partial Eta Squared
affection	Sphericity Assumed	88.838	.000	.140
	Greenhouse-Geisser	88.838	.000	.140
	Huynh-Feldt	88.838	.000	.140
	Lower-bound	88.838	.000	.140
affection * Age3categories	Sphericity Assumed	7.112	.000	.025
	Greenhouse-Geisser	7.112	.000	.025
	Huynh-Feldt	7.112	.000	.025
	Lower-bound	7.112	.001	.025
Error(affection)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Noncent. Parameter	Observed Power ^a
affection	Sphericity Assumed	621.869	1.000
	Greenhouse-Geisser	484.605	1.000
	Huynh-Feldt	491.856	1.000
	Lower-bound	88.838	1.000
affection * Age3categories	Sphericity Assumed	99.571	1.000
	Greenhouse-Geisser	77.593	1.000
	Huynh-Feldt	78.754	1.000
	Lower-bound	14.224	.931
Error(affection)	Sphericity Assumed		
	Greenhouse-Geisser		
	Huynh-Feldt		
	Lower-bound		

a. Computed using alpha = .05

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	affection	Type III Sum of Squares	df	Mean Square	F
affection	Linear	606.318	1	606.318	295.823
	Quadratic	56.325	1	56.325	38.379
	Cubic	72.381	1	72.381	55.606
	Order 4	10.640	1	10.640	8.480
	Order 5	51.286	1	51.286	53.889
	Order 6	2.076	1	2.076	2.061
	Order 7	35.476	1	35.476	26.072
affection * Age3categories	Linear	29.647	2	14.824	7.232
	Quadratic	7.040	2	3.520	2.399
	Cubic	2.106	2	1.053	.809
	Order 4	6.459	2	3.230	2.574
	Order 5	6.045	2	3.023	3.176
	Order 6	7.196	2	3.598	3.571
	Order 7	75.122	2	37.561	27.605
Error(affection)	Linear	1119.080	546	2.050	
	Quadratic	801.323	546	1.468	
	Cubic	710.715	546	1.302	
	Order 4	685.038	546	1.255	
	Order 5	519.621	546	.952	
	Order 6	550.132	546	1.008	
	Order 7	742.927	546	1.361	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	affection	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power ^a
affection	Linear	.000	.351	295.823	1.000
	Quadratic	.000	.066	38.379	1.000
	Cubic	.000	.092	55.606	1.000
	Order 4	.004	.015	8.480	.828
	Order 5	.000	.090	53.889	1.000
	Order 6	.152	.004	2.061	.299
	Order 7	.000	.046	26.072	.999
affection * Age3categories	Linear	.001	.026	14.465	.935
	Quadratic	.092	.009	4.797	.484
	Cubic	.446	.003	1.618	.189
	Order 4	.077	.009	5.148	.514
	Order 5	.043	.012	6.352	.608
	Order 6	.029	.013	7.142	.662
	Order 7	.000	.092	55.209	1.000
Error(affection)	Linear				
	Quadratic				
	Cubic				
	Order 4				
	Order 5				
	Order 6				
	Order 7				

a. Computed using alpha = .05

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	41408.787	1	41408.787	12772.396	.000	.959
Age3categories	236.921	2	118.461	36.539	.000	.118
Error	1770.161	546	3.242			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power ^a
Intercept	12772.396	1.000
Age3categories	73.077	1.000
Error		

a. Computed using alpha = .05

Estimated Marginal Means

1. Grand Mean

Measure: MEASURE_1

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
3.504	.031	3.443	3.565

2. Age3categories

Estimates

Measure: MEASURE_1

Age3categories	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	3.768	.039	3.692	3.844
2.00	3.668	.045	3.580	3.756
3.00	3.076	.072	2.936	3.217

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval
					Lower Bound
1.00	2.00	.100	.059	.093	-.017
	3.00	.691 [*]	.081	.000	.531
2.00	1.00	-.100	.059	.093	-.216
	3.00	.592 [*]	.085	.000	.426
3.00	1.00	-.691 [*]	.081	.000	-.852
	2.00	-.592 [*]	.085	.000	-.758

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	95% Confidence Interval
		Upper Bound
1.00	2.00	.216
	3.00	.852
2.00	1.00	.017
	3.00	.758
3.00	1.00	-.531
	2.00	-.426

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests

Measure: MEASURE_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	29.615	2	14.808	36.539	.000	.118
Error	221.270	546	.405			

Univariate Tests

Measure: MEASURE_1

	Noncent. Parameter	Observed Power ^a
Contrast	73.077	1.000
Error		

The F tests the effect of Age3categories. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Computed using alpha = .05

3. affection

Estimates

Measure: MEASURE_1

affection	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	4.135	.046	4.044	4.226
2	3.843	.057	3.731	3.956
3	3.685	.066	3.554	3.815
4	3.412	.060	3.295	3.529
5	3.950	.070	3.814	4.087
6	3.532	.045	3.443	3.621
7	2.899	.053	2.794	3.004
8	2.577	.083	2.414	2.740

Pairwise Comparisons

Measure: MEASURE_1

(I) affection	(J) affection	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	.292 [*]	.054	.000	.185	.398
	3	.450 [*]	.070	.000	.313	.588
	4	.723 [*]	.066	.000	.593	.852
	5	.184 [*]	.081	.024	.025	.344
	6	.603 [*]	.057	.000	.490	.715
	7	1.236 [*]	.067	.000	1.104	1.368
	8	1.558 [*]	.093	.000	1.376	1.740
2	1	-.292 [*]	.054	.000	-.398	-.185
	3	.159 [*]	.072	.027	.018	.299
	4	.431 [*]	.069	.000	.295	.567
	5	-.107	.090	.235	-.284	.070
	6	.311 [*]	.064	.000	.185	.437
	7	.944 [*]	.074	.000	.798	1.090
	8	1.266 [*]	.098	.000	1.074	1.458
3	1	-.450 [*]	.070	.000	-.588	-.313
	2	-.159 [*]	.072	.027	-.299	-.018
	4	.273 [*]	.078	.000	.120	.425
	5	-.266 [*]	.095	.005	-.452	-.080
	6	.152 [*]	.073	.037	.009	.296
	7	.786 [*]	.080	.000	.629	.942
	8	1.108 [*]	.103	.000	.906	1.309
4	1	-.723 [*]	.066	.000	-.852	-.593
	2	-.431 [*]	.069	.000	-.567	-.295
	3	-.273 [*]	.078	.000	-.425	-.120
	5	-.539 [*]	.086	.000	-.708	-.369
	6	-.120	.066	.071	-.251	.010
	7	.513 [*]	.073	.000	.369	.657
	8	.835 [*]	.092	.000	.654	1.016
5	1	-.184 [*]	.081	.024	-.344	-.025
	2	.107	.090	.235	-.070	.284
	3	.266 [*]	.095	.005	.080	.452
	4	.539 [*]	.086	.000	.369	.708
	6	.418 [*]	.081	.000	.259	.577
	7	1.051 [*]	.087	.000	.881	1.222
	8	1.374 [*]	.107	.000	1.164	1.583
6	1	-.603 [*]	.057	.000	-.715	-.490
	2	-.311 [*]	.064	.000	-.437	-.185
	3	-.152 [*]	.073	.037	-.296	-.009
	4	.120	.066	.071	-.010	.251

Pairwise Comparisons

Measure: MEASURE_1

(I) affection	(J) affection	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
7	5	-.418 [*]	.081	.000	-.577	-.259
	7	.633 [*]	.053	.000	.529	.738
	8	.955 [*]	.085	.000	.789	1.122
	1	-1.236 [*]	.067	.000	-1.368	-1.104
	2	-.944 [*]	.074	.000	-1.090	-.798
	3	-.786 [*]	.080	.000	-.942	-.629
	4	-.513 [*]	.073	.000	-.657	-.369
	5	-1.051 [*]	.087	.000	-1.222	-.881
	6	-.633 [*]	.053	.000	-.738	-.529
	8	.322 [*]	.087	.000	.151	.493
8	1	-1.558 [*]	.093	.000	-1.740	-1.376
	2	-1.266 [*]	.098	.000	-1.458	-1.074
	3	-1.108 [*]	.103	.000	-1.309	-.906
	4	-.835 [*]	.092	.000	-1.016	-.654
	5	-1.374 [*]	.107	.000	-1.583	-1.164
	6	-.955 [*]	.085	.000	-1.122	-.789
	7	-.322 [*]	.087	.000	-.493	-.151

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.469	68.110 ^a	7.000	540.000	.000	.469
Wilks' lambda	.531	68.110 ^a	7.000	540.000	.000	.469
Hotelling's trace	.883	68.110 ^a	7.000	540.000	.000	.469
Roy's largest root	.883	68.110 ^a	7.000	540.000	.000	.469

Multivariate Tests

	Noncent. Parameter	Observed Power ^b
Pillai's trace	476.771	1.000
Wilks' lambda	476.771	1.000
Hotelling's trace	476.771	1.000
Roy's largest root	476.771	1.000

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

- a. Exact statistic
- b. Computed using alpha = .05

4. Age3categories * affection

Measure: MEASURE_1

Age3categories	affection	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	1	4.612	.058	4.499	4.726
	2	4.290	.072	4.149	4.431
	3	3.900	.083	3.736	4.063
	4	3.918	.075	3.772	4.065
	5	3.760	.087	3.589	3.931
	6	3.849	.057	3.737	3.960
	7	3.138	.067	3.006	3.269
	8	2.678	.104	2.474	2.882
2.00	1	4.383	.067	4.252	4.514
	2	4.126	.083	3.963	4.289
	3	3.627	.096	3.438	3.816
	4	3.647	.086	3.477	3.816
	5	4.058	.101	3.860	4.256
	6	3.693	.066	3.564	3.822
	7	3.091	.077	2.939	3.243
	8	2.720	.120	2.484	2.955
3.00	1	3.409	.107	3.200	3.619
	2	3.114	.132	2.854	3.374
	3	3.527	.153	3.226	3.829
	4	2.671	.138	2.401	2.941
	5	4.034	.161	3.718	4.349
	6	3.055	.105	2.849	3.260
	7	2.468	.124	2.226	2.711
	8	2.333	.191	1.957	2.709

Post Hoc Tests

Age3categories

Multiple Comparisons

Measure: MEASURE_1

LSD

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig.	95% ...
					Lower Bound
1.00	2.00	.0999	.05935	.093	-.0167
	3.00	.6915*	.08146	.000	.5315
2.00	1.00	-.0999	.05935	.093	-.2164
	3.00	.5916*	.08453	.000	.4256
3.00	1.00	-.6915*	.08146	.000	-.8515
	2.00	-.5916*	.08453	.000	-.7577

Multiple Comparisons

Measure: MEASURE_1

LSD

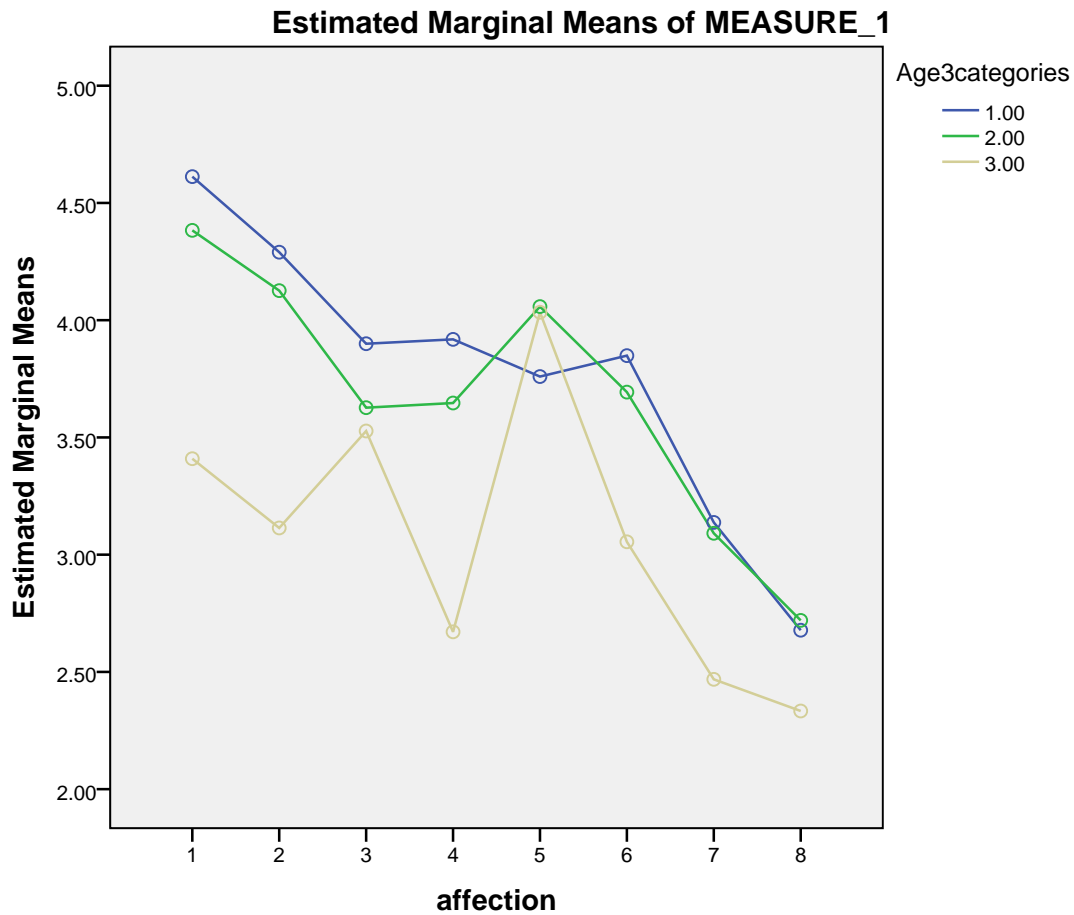
(I) Age3categories	(J) Age3categories	95% ...
		Upper Bound
1.00	2.00	.2164
	3.00	.8515
2.00	1.00	.0167
	3.00	.7577
3.00	1.00	-.5315
	2.00	-.4256

Based on observed means.

The error term is Mean Square(Error) = .405.

*. The mean difference is significant at the .05 level.

Profile Plots



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GLM mumintdisclosure daddisclosure siblingdisclosure relatedisclosure romanticdisclosure s
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  /POSTHOC=Age3categories(LSD)
  /PLOT=PROFILE(intimacy*Age3categories)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(intimacy) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(Age3categories*intimacy)
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  /CRITERIA=ALPHA(.05)
  /WSDESIGN=intimacy
  /DESIGN=Age3categories.
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General Linear Model

Notes

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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 mumintdisclosure daddisclosure siblingdisclosure relativedisclosure romanticdisclosure samesexdisclosure othersexdisclosure extradisclosure BY Age3categories /WSFACTOR=intimacy 8 Polynomial /METHOD=SSTYPE(3) /POSTHOC=Age3categori es(LSD) /PLOT=PROFILE (intimacy*Age3categories) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Age3categories) COMPARE ADJ(LSD) /EMMEANS=TABLES (intimacy) COMPARE ADJ (LSD) /EMMEANS=TABLES (Age3categories*intimacy) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05) /WSDSIGN=intimacy /DESIGN=Age3categories.
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Within-Subjects Factors

Measure: MEASURE_1

intimacy	Dependent Variable
1	mumintdisclosure
2	daddisclosure
3	siblingdisclosure
4	relativedisclosure
5	romanticdisclosure
6	samesexdisclosure
7	othersexdisclosure
8	extradisclosure

Between-Subjects Factors

	N
Age3categories 1.00	269
2.00	201
3.00	79

Descriptive Statistics

	Age3categories	Mean	Std. Deviation	N
mumintdisclosure	1.00	3.0223	1.21605	269
	2.00	2.6053	1.22297	201
	3.00	1.8945	1.12918	79
	Total	2.7073	1.26424	549
daddisclosure	1.00	2.0322	1.01594	269
	2.00	1.9834	1.04815	201
	3.00	1.5232	.93930	79
	Total	1.9411	1.03015	549
siblingdisclosure	1.00	2.3817	1.23643	269
	2.00	2.2521	1.32519	201
	3.00	2.2025	1.00344	79
	Total	2.3084	1.23988	549
relatedisclosure	1.00	1.6481	.93179	269
	2.00	1.5705	.91690	201
	3.00	1.4135	.95514	79
	Total	1.5859	.93143	549
romanticdisclosure	1.00	3.4981	1.57473	269
	2.00	3.7778	1.39138	201
	3.00	3.5401	1.43452	79
	Total	3.6066	1.49310	549
samesexdisclosure	1.00	3.6766	1.07739	269
	2.00	3.6103	1.10158	201
	3.00	2.6624	1.27153	79
	Total	3.5064	1.16684	549
othersexdisclosure	1.00	2.5774	1.20680	269
	2.00	2.5025	1.20560	201
	3.00	1.9156	1.18930	79
	Total	2.4548	1.22235	549
extradisclosure	1.00	2.2404	1.62409	269
	2.00	2.2405	1.54496	201
	3.00	1.8186	1.40390	79
	Total	2.1797	1.56958	549

Multivariate Tests^a

Effect		Value	F	Hypothesis df	Error df
intimacy	Pillai's Trace	.684	166.952 ^b	7.000	540.000
	Wilks' Lambda	.316	166.952 ^b	7.000	540.000
	Hotelling's Trace	2.164	166.952 ^b	7.000	540.000
	Roy's Largest Root	2.164	166.952 ^b	7.000	540.000
intimacy * Age3categories	Pillai's Trace	.127	5.248	14.000	1082.000
	Wilks' Lambda	.875	5.325 ^b	14.000	1080.000
	Hotelling's Trace	.140	5.401	14.000	1078.000
	Roy's Largest Root	.119	9.206 ^c	7.000	541.000

Multivariate Tests^a

Effect		Sig.	Partial Eta Squared	Noncent. Parameter
intimacy	Pillai's Trace	.000	.684	1168.667
	Wilks' Lambda	.000	.684	1168.667
	Hotelling's Trace	.000	.684	1168.667
	Roy's Largest Root	.000	.684	1168.667
intimacy * Age3categories	Pillai's Trace	.000	.064	73.475
	Wilks' Lambda	.000	.065	74.549
	Hotelling's Trace	.000	.066	75.619
	Roy's Largest Root	.000	.106	64.439

Multivariate Tests^a

Effect		Observed Power ^d
intimacy	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000
intimacy * Age3categories	Pillai's Trace	1.000
	Wilks' Lambda	1.000
	Hotelling's Trace	1.000
	Roy's Largest Root	1.000

a. Design: Intercept + Age3categories
Within Subjects Design: intimacy

b. Exact statistic

c. The statistic is an upper bound on F that yields a lower bound on the significance level.

d. Computed using alpha = .05

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon ^b
					Greenhouse-Geisser
intimacy	.435	452.172	27	.000	.808

Mauchly's Test of Sphericity^a

Measure: MEASURE_1

Within Subjects Effect	Epsilon ^b	
	Huynh-Feldt	Lower-bound
intimacy	.821	.143

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

a. Design: Intercept + Age3categories

Within Subjects Design: intimacy

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
intimacy	Sphericity Assumed	1449.800	7	207.114
	Greenhouse-Geisser	1449.800	5.659	256.213
	Huynh-Feldt	1449.800	5.746	252.334
	Lower-bound	1449.800	1.000	1449.800
intimacy * Age3categories	Sphericity Assumed	87.671	14	6.262
	Greenhouse-Geisser	87.671	11.317	7.747
	Huynh-Feldt	87.671	11.491	7.629
	Lower-bound	87.671	2.000	43.835
Error(intimacy)	Sphericity Assumed	5178.265	3822	1.355
	Greenhouse-Geisser	5178.265	3089.583	1.676
	Huynh-Feldt	5178.265	3137.070	1.651
	Lower-bound	5178.265	546.000	9.484

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		F	Sig.	Partial Eta Squared
intimacy	Sphericity Assumed	152.868	.000	.219
	Greenhouse-Geisser	152.868	.000	.219
	Huynh-Feldt	152.868	.000	.219
	Lower-bound	152.868	.000	.219
intimacy * Age3categories	Sphericity Assumed	4.622	.000	.017
	Greenhouse-Geisser	4.622	.000	.017
	Huynh-Feldt	4.622	.000	.017
	Lower-bound	4.622	.010	.017
Error(intimacy)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

Tests of Within-Subjects Effects

Measure: MEASURE_1

Source		Noncent. Parameter	Observed Power ^a
intimacy	Sphericity Assumed	1070.076	1.000
	Greenhouse-Geisser	865.015	1.000
	Huynh-Feldt	878.311	1.000
	Lower-bound	152.868	1.000
intimacy * Age3categories	Sphericity Assumed	64.708	1.000
	Greenhouse-Geisser	52.308	1.000
	Huynh-Feldt	53.112	1.000
	Lower-bound	9.244	.780
Error(intimacy)	Sphericity Assumed		
	Greenhouse-Geisser		
	Huynh-Feldt		
	Lower-bound		

a. Computed using alpha = .05

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	intimacy	Type III Sum of Squares	df	Mean Square	F
intimacy	Linear	56.593	1	56.593	25.923
	Quadratic	93.484	1	93.484	65.293
	Cubic	560.055	1	560.055	499.783
	Order 4	38.422	1	38.422	30.856
	Order 5	230.251	1	230.251	234.739
	Order 6	110.700	1	110.700	95.403
	Order 7	360.294	1	360.294	264.514
intimacy * Age3categories	Linear	7.730	2	3.865	1.770
	Quadratic	22.682	2	11.341	7.921
	Cubic	26.978	2	13.489	12.037
	Order 4	3.856	2	1.928	1.548
	Order 5	6.280	2	3.140	3.201
	Order 6	7.778	2	3.889	3.351
	Order 7	12.369	2	6.184	4.540
Error(intimacy)	Linear	1191.984	546	2.183	
	Quadratic	781.744	546	1.432	
	Cubic	611.846	546	1.121	
	Order 4	679.880	546	1.245	
	Order 5	535.561	546	.981	
	Order 6	633.545	546	1.160	
	Order 7	743.705	546	1.362	

Tests of Within-Subjects Contrasts

Measure: MEASURE_1

Source	intimacy	Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power ^a
intimacy	Linear	.000	.045	25.923	.999
	Quadratic	.000	.107	65.293	1.000
	Cubic	.000	.478	499.783	1.000
	Order 4	.000	.053	30.856	1.000
	Order 5	.000	.301	234.739	1.000
	Order 6	.000	.149	95.403	1.000
	Order 7	.000	.326	264.514	1.000
intimacy * Age3categories	Linear	.171	.006	3.541	.371
	Quadratic	.000	.028	15.842	.954
	Cubic	.000	.042	24.074	.995
	Order 4	.214	.006	3.096	.329
	Order 5	.041	.012	6.402	.611
	Order 6	.036	.012	6.703	.633
	Order 7	.011	.016	9.080	.772
Error(intimacy)	Linear				
	Quadratic				
	Cubic				
	Order 4				
	Order 5				
	Order 6				
	Order 7				

a. Computed using alpha = .05

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Type III Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Intercept	20097.227	1	20097.227	7244.216	.000	.930
Age3categories	131.232	2	65.616	23.652	.000	.080
Error	1514.738	546	2.774			

Tests of Between-Subjects Effects

Measure: MEASURE_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power ^a
Intercept	7244.216	1.000
Age3categories	47.304	1.000
Error		

a. Computed using alpha = .05

Estimated Marginal Means

1. Grand Mean

Measure: MEASURE_1

Mean	Std. Error	95% Confidence Interval	
		Lower Bound	Upper Bound
2.441	.029	2.385	2.498

2. Age3categories

Estimates

Measure: MEASURE_1

Age3categories	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1.00	2.635	.036	2.564	2.705
2.00	2.568	.042	2.486	2.649
3.00	2.121	.066	1.991	2.251

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval
					Lower Bound
1.00	2.00	.067	.055	.224	-.041
	3.00	.513 [*]	.075	.000	.365
2.00	1.00	-.067	.055	.224	-.175
	3.00	.446 [*]	.078	.000	.293
3.00	1.00	-.513 [*]	.075	.000	-.661
	2.00	-.446 [*]	.078	.000	-.600

Pairwise Comparisons

Measure: MEASURE_1

(I) Age3categories	(J) Age3categories	95% Confidence Interval
		Upper Bound
1.00	2.00	.175
	3.00	.661
2.00	1.00	.041
	3.00	.600
3.00	1.00	-.365
	2.00	-.293

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Univariate Tests

Measure: MEASURE_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	16.404	2	8.202	23.652	.000	.080
Error	189.342	546	.347			

Univariate Tests

Measure: MEASURE_1

	Noncent. Parameter	Observed Power ^a
Contrast	47.304	1.000
Error		

The F tests the effect of Age3categories. This test is based on the linearly independent pairwise comparisons among the estimated marginal means.

a. Computed using alpha = .05

3. intimacy

Estimates

Measure: MEASURE_1

intimacy	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.507	.059	2.392	2.623
2	1.846	.050	1.749	1.944
3	2.279	.060	2.160	2.397
4	1.544	.045	1.455	1.633
5	3.605	.073	3.463	3.748
6	3.316	.054	3.210	3.423
7	2.332	.059	2.217	2.447
8	2.100	.076	1.950	2.250

Pairwise Comparisons

Measure: MEASURE_1

(I) intimacy	(J) intimacy	Mean Difference (I- J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
1	2	.661 [*]	.059	.000	.545	.777
	3	.229 [*]	.075	.002	.082	.375
	4	.963 [*]	.063	.000	.839	1.088
	5	-1.098 [*]	.091	.000	-1.277	-.919
	6	-.809 [*]	.076	.000	-.959	-.660
	7	.176 [*]	.084	.036	.011	.340
	8	.408 [*]	.091	.000	.228	.587
2	1	-.661 [*]	.059	.000	-.777	-.545
	3	-.432 [*]	.064	.000	-.559	-.306
	4	.302 [*]	.057	.000	.190	.414
	5	-1.759 [*]	.088	.000	-1.932	-1.586
	6	-1.470 [*]	.070	.000	-1.608	-1.332
	7	-.486 [*]	.073	.000	-.630	-.342
	8	-.254 [*]	.088	.004	-.426	-.081
3	1	-.229 [*]	.075	.002	-.375	-.082
	2	.432 [*]	.064	.000	.306	.559
	4	.735 [*]	.071	.000	.595	.875
	5	-1.327 [*]	.096	.000	-1.514	-1.139
	6	-1.038 [*]	.076	.000	-1.187	-.888
	7	-.053	.081	.513	-.212	.106
	8	.179	.095	.061	-.008	.366
4	1	-.963 [*]	.063	.000	-1.088	-.839
	2	-.302 [*]	.057	.000	-.414	-.190
	3	-.735 [*]	.071	.000	-.875	-.595
	5	-2.061 [*]	.085	.000	-2.229	-1.894
	6	-1.772 [*]	.067	.000	-1.903	-1.642
	7	-.788 [*]	.069	.000	-.922	-.653
	8	-.556 [*]	.083	.000	-.718	-.393
5	1	1.098 [*]	.091	.000	.919	1.277
	2	1.759 [*]	.088	.000	1.586	1.932
	3	1.327 [*]	.096	.000	1.139	1.514
	4	2.061 [*]	.085	.000	1.894	2.229
	6	.289 [*]	.090	.001	.112	.466
	7	1.273 [*]	.095	.000	1.087	1.460
	8	1.506 [*]	.104	.000	1.301	1.710
6	1	.809 [*]	.076	.000	.660	.959
	2	1.470 [*]	.070	.000	1.332	1.608
	3	1.038 [*]	.076	.000	.888	1.187
	4	1.772 [*]	.067	.000	1.642	1.903

Pairwise Comparisons

Measure: MEASURE_1

(I) intimacv	(J) intimacv	Mean Difference (I-J)	Std. Error	Sig. ^b	95% Confidence Interval for Difference ^b	
					Lower Bound	Upper Bound
7	5	-.289 [*]	.090	.001	-.466	-.112
	7	.985 [*]	.066	.000	.856	1.114
	8	1.217 [*]	.080	.000	1.060	1.373
	1	-.176 [*]	.084	.036	-.340	-.011
	2	.486 [*]	.073	.000	.342	.630
	3	.053	.081	.513	-.106	.212
	4	.788 [*]	.069	.000	.653	.922
	5	-1.273 [*]	.095	.000	-1.460	-1.087
	6	-.985 [*]	.066	.000	-1.114	-.856
	8	.232 [*]	.082	.005	.071	.393
8	1	-.408 [*]	.091	.000	-.587	-.228
	2	.254 [*]	.088	.004	.081	.426
	3	-.179	.095	.061	-.366	.008
	4	.556 [*]	.083	.000	.393	.718
	5	-1.506 [*]	.104	.000	-1.710	-1.301
	6	-1.217 [*]	.080	.000	-1.373	-1.060
	7	-.232 [*]	.082	.005	-.393	-.071

Based on estimated marginal means

*. The mean difference is significant at the .05 level.

b. Adjustment for multiple comparisons: Least Significant Difference (equivalent to no adjustments).

Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.684	166.952 ^a	7.000	540.000	.000	.684
Wilks' lambda	.316	166.952 ^a	7.000	540.000	.000	.684
Hotelling's trace	2.164	166.952 ^a	7.000	540.000	.000	.684
Roy's largest root	2.164	166.952 ^a	7.000	540.000	.000	.684

Multivariate Tests

	Noncent. Parameter	Observed Power ^b
Pillai's trace	1168.667	1.000
Wilks' lambda	1168.667	1.000
Hotelling's trace	1168.667	1.000
Roy's largest root	1168.667	1.000

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

- a. Exact statistic
- b. Computed using alpha = .05

4. Age3categories * intimacy

Measure: MEASURE_1

Age3categories	intimacy	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1.00	1	3.022	.074	2.878	3.167
	2	2.032	.062	1.910	2.154
	3	2.382	.076	2.233	2.530
	4	1.648	.057	1.537	1.759
	5	3.498	.091	3.320	3.677
	6	3.677	.068	3.543	3.810
	7	2.577	.073	2.433	2.722
	8	2.240	.095	2.053	2.428
2.00	1	2.605	.085	2.438	2.772
	2	1.983	.072	1.842	2.124
	3	2.252	.087	2.080	2.424
	4	1.570	.066	1.442	1.699
	5	3.778	.105	3.571	3.984
	6	3.610	.079	3.456	3.765
	7	2.502	.085	2.336	2.669
	8	2.240	.110	2.024	2.457
3.00	1	1.895	.136	1.628	2.161
	2	1.523	.114	1.298	1.748
	3	2.203	.140	1.928	2.477
	4	1.414	.105	1.208	1.619
	5	3.540	.168	3.211	3.869
	6	2.662	.126	2.416	2.909
	7	1.916	.135	1.650	2.182
	8	1.819	.176	1.473	2.165

Post Hoc Tests

Age3categories

Multiple Comparisons

Measure: MEASURE_1

LSD

(I) Age3categories	(J) Age3categories	Mean Difference (I-J)	Std. Error	Sig.	95% ...
					Lower Bound
1.00	2.00	.0668	.05490	.224	-.0410
	3.00	.5133*	.07536	.000	.3653
2.00	1.00	-.0668	.05490	.224	-.1747
	3.00	.4465*	.07820	.000	.2929
3.00	1.00	-.5133*	.07536	.000	-.6613
	2.00	-.4465*	.07820	.000	-.6001

Multiple Comparisons

Measure: MEASURE_1

LSD

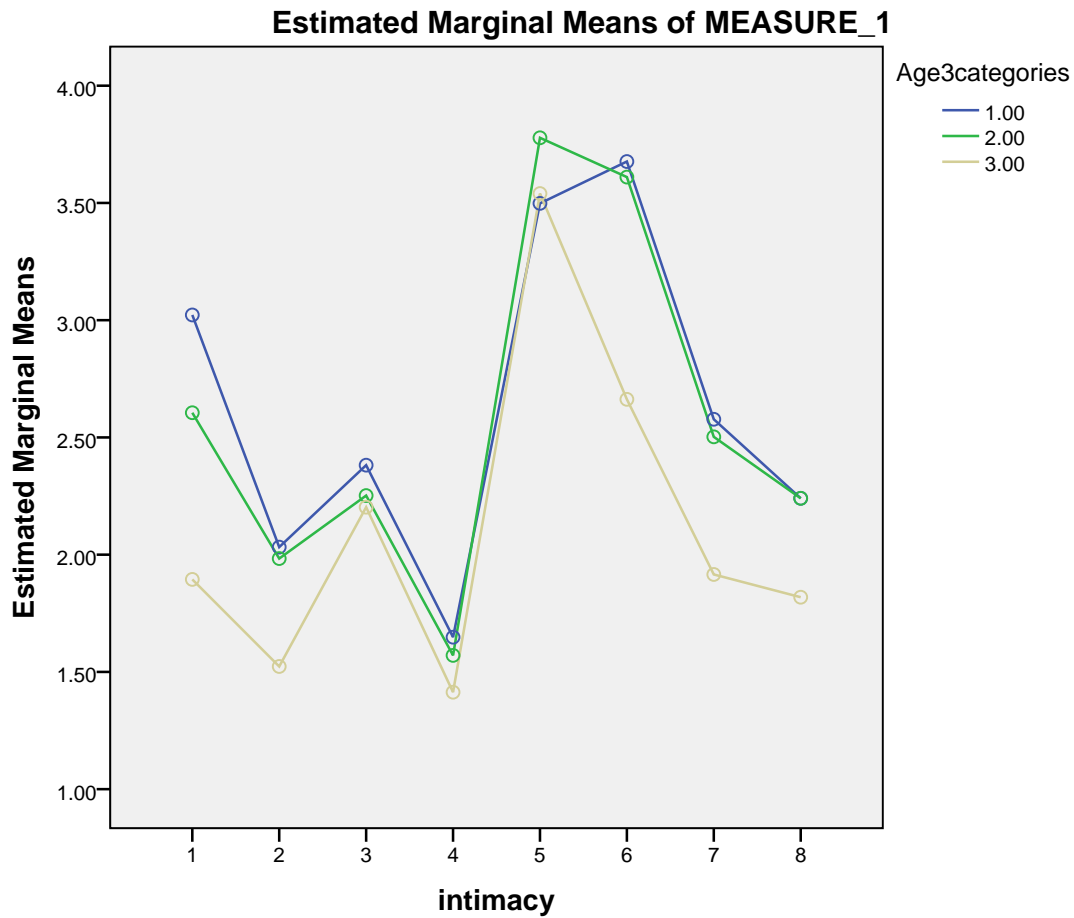
(I) Age3categories	(J) Age3categories	95% ...
		Upper Bound
1.00	2.00	.1747
	3.00	.6613
2.00	1.00	.0410
	3.00	.6001
3.00	1.00	-.3653
	2.00	-.2929

Based on observed means.

The error term is Mean Square(Error) = .347.

*. The mean difference is significant at the .05 level.

Profile Plots



```

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  /METHOD=SSTYPE(3)
  /POSTHOC=Age3categories(LSD)
  /PLOT=PROFILE(overallsupport*Age3categories)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(overallsupport) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(Age3categories*overallsupport)
  /PRINT=DESCRIPTIVE ETASQ OPOWER
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=overallsupport
  /DESIGN=Age3categories.

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General Linear Model

Notes

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Warnings

The keyword COMPARE and TABLES(OVERALL) cannot be specified in the same EMMEANS subcommand.
Execution of this command stops.

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  /METHOD=SSTYPE(3)
  /POSTHOC=Age3categories(LSD)
  /PLOT=PROFILE(overallssupport*Age3categories)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(overallssupport) COMPARE ADJ(LSD)
  /EMMEANS=TABLES(Age3categories*overallssupport)
  /PRINT=DESCRIPTIVE ETASQ OPOWER
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=overallssupport
  /DESIGN=Age3categories.
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General Linear Model

Notes

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Notes

Syntax	GLM mumsupport dadsupport sibsupport relsupport romanticssupport samesexsupport othersexsupport extrasupport BY Age3categories /WSFACTOR=overallsupp ot 8 Polynomial /METHOD=SSTYPE(3) /POSTHOC=Age3categori es(LSD) /PLOT=PROFILE (overallsuppot*Age3categ ories) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Age3categories) COMPARE ADJ(LSD) /EMMEANS=TABLES (overallsuppot) COMPARE ADJ(LSD) /EMMEANS=TABLES (Age3categories*overallsu ppot) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05) /WSDESIGN=overallsuppo t /DESIGN=Age3categories.
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AGEGROUPS.sav

Warnings

The keyword COMPARE and TABLES(OVERALL) cannot be
specified in the same EMMEANS subcommand.
Execution of this command stops.

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/COMPRESSED.
GLM mumsupport dadsupport sibsupport relsupport romanticssupport samesexsupport othersexsuppo
/WSFACTOR=overallsuppot 8 Polynomial

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/METHOD=SSTYPE(3)
/POSTHOC=Age3categories(LSD)
/PLOT=PROFILE(overallsuppot*Age3categories)
/EMMEANS=TABLES(OVERALL)
/EMMEANS=TABLES(Age3categories) COMPARE ADJ(LSD)
/EMMEANS=TABLES(overallsuppot) COMPARE ADJ(LSD)
/EMMEANS=TABLES(Age3categories*overallsuppot)
/PRINT=DESCRIPTIVE ETASQ OPOWER
/CRITERIA=ALPHA(.05)
/WSDESIGN=overallsuppot
/DESIGN=Age3categories.

```

General Linear Model

Notes

Output Created	30-OCT-2012 12:06:14
Comments	
Input	Data
	G:\thesis stuff\writing&spss printouts\SPSS stuff\variabledata3AGEGR OUPS.sav
	Active Dataset
	DataSet1
	Filter
	<none>
	Weight
	<none>
	Split File
	<none>
	N of Rows in Working
	Data File
	579

Notes

<p>Syntax</p>	<p>GLM mumsupport dadsupport sibsupport relsupport romanticssupport samesexsupport othersexsupport extrasupport BY Age3categories</p> <p>/WSFACTOR=overallsupport 8 Polynomial /METHOD=SSTYPE(3)</p> <p>/POSTHOC=Age3categories(LSD) /PLOT=PROFILE (overallsupport*Age3categories) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Age3categories) COMPARE ADJ(LSD) /EMMEANS=TABLES (overallsupport) COMPARE ADJ(LSD) /EMMEANS=TABLES (Age3categories*overallsupport) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05)</p> <p>/WSDESIGN=overallsupport</p> <p>/DESIGN=Age3categories.</p>
<p>Resources</p>	<p>Processor Time 00:00:00.00 Elapsed Time 00:00:00.02</p>

[DataSet1] G:\thesis stuff\writing&spss printouts\SPSS stuff\variabledata3
AGEGROUPS.sav

Warnings

The keyword COMPARE and TABLES(OVERALL) cannot be specified in the same EMMEANS subcommand.
Execution of this command stops.