

```

GLM mumaffection dadaffection sibaffection relativeaffection romanticaffectio
sameosexaffect
/WSFACTOR=Affection 8 Polynomial
/METHOD=SSTYPE(3)
/POSTHOC=Sex(BONFERRONI)
/PLOT=PROFILE(Affection*Sex)
/EMMEANS=TABLES(OVERALL)
/EMMEANS=TABLES(Sex) COMPARE ADJ(BONFERRONI)
/EMMEANS=TABLES(Affection) COMPARE ADJ(BONFERRONI)
/EMMEANS=TABLES(Sex*Affection)
/PRINT=DESCRIPTIVE ETASQ OPOWER
/CRITERIA=ALPHA(.05)
/WSDESIGN=Affection
/DESIGN=Sex.

```

## 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.

## Notes

Syntax	GLM mumaffection dadaffection sibaffection relativeaffection romanticaffection samesexaffection othersexaffection extraaffection BY Sex /WSFACTOR=Affection 8 Polynomial /METHOD=SSTYPE(3) /POSTHOC=Sex (BONFERRONI) /PLOT=PROFILE (Affection*Sex) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Sex) COMPARE ADJ (BONFERRONI) /EMMEANS=TABLES (Affection) COMPARE ADJ(BONFERRONI) /EMMEANS=TABLES (Sex*Affection) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05) /WSDSIGN=Affection /DESIGN=Sex.
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[DataSet1] C:\Users\mmatthew\AppData\Local\Microsoft\Windows\Temporary Internet Files\Content.Outlook\796J1L20\variabledata3AGEGROUPS.sav

## Warnings

Post hoc tests are not performed for Sex because there are fewer than three groups.

### Within-Subjects Factors

Measure: MEASURE\_1

Affection	Dependent Variable
1	mumaffection
2	dadaffection
3	sibaffection
4	relativeaffection
5	romanticaffection
6	samesexaffection
7	othersexaffection
8	extraaffection

### Between-Subjects Factors

	N
Sex 1	155
2	422

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
mumaffection	1	4.1720	1.10643	155
	2	4.4092	.98847	422
	Total	4.3455	1.02592	577
dadaffection	1	3.8409	1.26065	155
	2	4.1311	1.21839	422
	Total	4.0531	1.23551	577
sibaffection	1	3.5505	1.40376	155
	2	3.8017	1.36963	422
	Total	3.7343	1.38216	577
relativeaffection	1	3.3806	1.36881	155
	2	3.7093	1.25808	422
	Total	3.6210	1.29578	577
romanticaffection	1	3.9785	1.46812	155
	2	3.8886	1.40484	422
	Total	3.9128	1.42139	577
samesexaffection	1	3.3398	1.05099	155
	2	3.7946	.91667	422
	Total	3.6724	.97478	577
othersexaffection	1	2.9226	1.13822	155
	2	3.0679	1.11712	422
	Total	3.0289	1.12368	577

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
extraaffection	1	2.2731	1.67033	155
	2	2.8239	1.68557	422
	Total	2.6759	1.69772	577

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df	Sig.
Affection	Pillai's Trace	.498	80.740 <sup>b</sup>	7.000	569.000	.000
	Wilks' Lambda	.502	80.740 <sup>b</sup>	7.000	569.000	.000
	Hotelling's Trace	.993	80.740 <sup>b</sup>	7.000	569.000	.000
	Roy's Largest Root	.993	80.740 <sup>b</sup>	7.000	569.000	.000
Affection * Sex	Pillai's Trace	.037	3.108 <sup>b</sup>	7.000	569.000	.003
	Wilks' Lambda	.963	3.108 <sup>b</sup>	7.000	569.000	.003
	Hotelling's Trace	.038	3.108 <sup>b</sup>	7.000	569.000	.003
	Roy's Largest Root	.038	3.108 <sup>b</sup>	7.000	569.000	.003

### Multivariate Tests<sup>a</sup>

Effect		Partial Eta Squared	Noncent. Parameter	Observed Power <sup>c</sup>
Affection	Pillai's Trace	.498	565.177	1.000
	Wilks' Lambda	.498	565.177	1.000
	Hotelling's Trace	.498	565.177	1.000
	Roy's Largest Root	.498	565.177	1.000
Affection * Sex	Pillai's Trace	.037	21.754	.946
	Wilks' Lambda	.037	21.754	.946
	Hotelling's Trace	.037	21.754	.946
	Roy's Largest Root	.037	21.754	.946

a. Design: Intercept + Sex  
Within Subjects Design: Affection

b. Exact statistic

c. Computed using alpha = .05

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup>
					Greenhouse-Geisser
Affection	.348	603.633	27	.000	.780

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Affection	.789	.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 + Sex

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	F
Affection	Sphericity Assumed	1002.201	7	143.172	105.400
	Greenhouse-Geisser	1002.201	5.458	183.608	105.400
	Huynh-Feldt	1002.201	5.526	181.350	105.400
	Lower-bound	1002.201	1.000	1002.201	105.400
Affection * Sex	Sphericity Assumed	29.849	7	4.264	3.139
	Greenhouse-Geisser	29.849	5.458	5.468	3.139
	Huynh-Feldt	29.849	5.526	5.401	3.139
	Lower-bound	29.849	1.000	29.849	3.139
Error(Affection)	Sphericity Assumed	5467.408	4025	1.358	
	Greenhouse-Geisser	5467.408	3138.565	1.742	
	Huynh-Feldt	5467.408	3177.647	1.721	
	Lower-bound	5467.408	575.000	9.509	

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Affection	Sphericity Assumed	.000	.155	737.801	1.000
	Greenhouse-Geisser	.000	.155	575.313	1.000
	Huynh-Feldt	.000	.155	582.477	1.000
	Lower-bound	.000	.155	105.400	1.000
Affection * Sex	Sphericity Assumed	.003	.005	21.974	.951
	Greenhouse-Geisser	.006	.005	17.135	.904
	Huynh-Feldt	.006	.005	17.348	.906
	Lower-bound	.077	.005	3.139	.424
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	Sig.
Affection	Linear	788.017	1	788.017	374.560	.000
	Quadratic	49.164	1	49.164	33.698	.000
	Cubic	100.370	1	100.370	77.975	.000
	Order 4	5.344	1	5.344	4.330	.038
	Order 5	44.069	1	44.069	46.510	.000
	Order 6	.125	1	.125	.124	.725
	Order 7	15.112	1	15.112	10.277	.001
Affection * Sex	Linear	1.866	1	1.866	.887	.347
	Quadratic	4.697	1	4.697	3.220	.073
	Cubic	3.247	1	3.247	2.523	.113
	Order 4	.003	1	.003	.002	.964
	Order 5	.382	1	.382	.403	.526
	Order 6	6.104	1	6.104	6.064	.014
	Order 7	13.550	1	13.550	9.215	.003
Error(Affection)	Linear	1209.712	575	2.104		
	Quadratic	838.884	575	1.459		
	Cubic	740.146	575	1.287		
	Order 4	709.563	575	1.234		
	Order 5	544.823	575	.948		
	Order 6	578.780	575	1.007		
	Order 7	845.500	575	1.470		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Affection	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Affection	Linear	.394	374.560	1.000
	Quadratic	.055	33.698	1.000
	Cubic	.119	77.975	1.000
	Order 4	.007	4.330	.547
	Order 5	.075	46.510	1.000
	Order 6	.000	.124	.064
	Order 7	.018	10.277	.893
Affection * Sex	Linear	.002	.887	.156
	Quadratic	.006	3.220	.433
	Cubic	.004	2.523	.354
	Order 4	.000	.002	.050
	Order 5	.001	.403	.097
	Order 6	.010	6.064	.691
	Order 7	.016	9.215	.858
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	46175.748	1	46175.748	12718.296	.000	.957
Sex	66.623	1	66.623	18.350	.000	.031
Error	2087.627	575	3.631			

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power <sup>a</sup>
Intercept	12718.296	1.000
Sex	18.350	.990
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
3.568	.032	3.506	3.630

## 2. Sex

### Estimates

Measure: MEASURE\_1

Sex	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	3.432	.054	3.326	3.539
2	3.703	.033	3.639	3.768

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Sex	(J) Sex	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	-.271 <sup>*</sup>	.063	.000	-.395	-.147
2	1	.271 <sup>*</sup>	.063	.000	.147	.395

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

### Univariate Tests

Measure: MEASURE\_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	8.328	1	8.328	18.350	.000	.031
Error	260.953	575	.454			

### Univariate Tests

Measure: MEASURE\_1

	Noncent. Parameter	Observed Power <sup>a</sup>
Contrast	18.350	.990
Error		

The F tests the effect of Sex. 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	4.291	.048	4.196	4.385
2	3.986	.058	3.873	4.099
3	3.676	.065	3.549	3.803
4	3.545	.061	3.426	3.664
5	3.934	.067	3.802	4.065
6	3.567	.045	3.479	3.655
7	2.995	.053	2.892	3.099
8	2.548	.079	2.393	2.704

### Pairwise Comparisons

Measure: MEASURE\_1

		Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
(I) Affection	(J) Affection				Lower Bound	Upper Bound
1	2	.305 <sup>*</sup>	.052	.000	.142	.467
	3	.614 <sup>*</sup>	.069	.000	.397	.832
	4	.746 <sup>*</sup>	.063	.000	.547	.944
	5	.357 <sup>*</sup>	.080	.000	.105	.609
	6	.723 <sup>*</sup>	.055	.000	.550	.897
	7	1.295 <sup>*</sup>	.065	.000	1.092	1.499
	8	1.742 <sup>*</sup>	.090	.000	1.461	2.024
2	1	-.305 <sup>*</sup>	.052	.000	-.467	-.142
	3	.310 <sup>*</sup>	.070	.000	.089	.531
	4	.441 <sup>*</sup>	.066	.000	.233	.649
	5	.052	.088	1.000	-.225	.330
	6	.419 <sup>*</sup>	.062	.000	.225	.613
	7	.991 <sup>*</sup>	.072	.000	.765	1.217
	8	1.438 <sup>*</sup>	.095	.000	1.140	1.735
3	1	-.614 <sup>*</sup>	.069	.000	-.832	-.397
	2	-.310 <sup>*</sup>	.070	.000	-.531	-.089
	4	.131	.077	1.000	-.109	.371
	5	-.257	.091	.139	-.544	.029
	6	.109	.071	1.000	-.114	.332
	7	.681 <sup>*</sup>	.078	.000	.437	.925
	8	1.128 <sup>*</sup>	.099	.000	.816	1.440
4	1	-.746 <sup>*</sup>	.063	.000	-.944	-.547
	2	-.441 <sup>*</sup>	.066	.000	-.649	-.233

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Affection	(J) Affection	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
5	3	-.131	.077	1.000	-.371	.109
	5	-.389*	.086	.000	-.657	-.120
	6	-.022	.065	1.000	-.225	.180
	7	.550*	.071	.000	.326	.773
	8	.996*	.090	.000	.713	1.280
	1	-.357*	.080	.000	-.609	-.105
	2	-.052	.088	1.000	-.330	.225
	3	.257	.091	.139	-.029	.544
	4	.389*	.086	.000	.120	.657
	6	.366*	.078	.000	.121	.612
	7	.938*	.083	.000	.676	1.200
	8	1.385*	.101	.000	1.067	1.703
6	1	-.723*	.055	.000	-.897	-.550
	2	-.419*	.062	.000	-.613	-.225
	3	-.109	.071	1.000	-.332	.114
	4	.022	.065	1.000	-.180	.225
	5	-.366*	.078	.000	-.612	-.121
	7	.572*	.051	.000	.412	.732
	8	1.019*	.082	.000	.763	1.275
7	1	-1.295*	.065	.000	-1.499	-1.092
	2	-.991*	.072	.000	-1.217	-.765
	3	-.681*	.078	.000	-.925	-.437
	4	-.550*	.071	.000	-.773	-.326
	5	-.938*	.083	.000	-1.200	-.676
	6	-.572*	.051	.000	-.732	-.412
	8	.447*	.083	.000	.186	.707
8	1	-1.742*	.090	.000	-2.024	-1.461
	2	-1.438*	.095	.000	-1.735	-1.140
	3	-1.128*	.099	.000	-1.440	-.816
	4	-.996*	.090	.000	-1.280	-.713
	5	-1.385*	.101	.000	-1.703	-1.067
	6	-1.019*	.082	.000	-1.275	-.763
	7	-.447*	.083	.000	-.707	-.186

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

#### Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.498	80.740 <sup>a</sup>	7.000	569.000	.000	.498
Wilks' lambda	.502	80.740 <sup>a</sup>	7.000	569.000	.000	.498
Hotelling's trace	.993	80.740 <sup>a</sup>	7.000	569.000	.000	.498
Roy's largest root	.993	80.740 <sup>a</sup>	7.000	569.000	.000	.498

#### Multivariate Tests

	Noncent. Parameter	Observed Power <sup>b</sup>
Pillai's trace	565.177	1.000
Wilks' lambda	565.177	1.000
Hotelling's trace	565.177	1.000
Roy's largest root	565.177	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

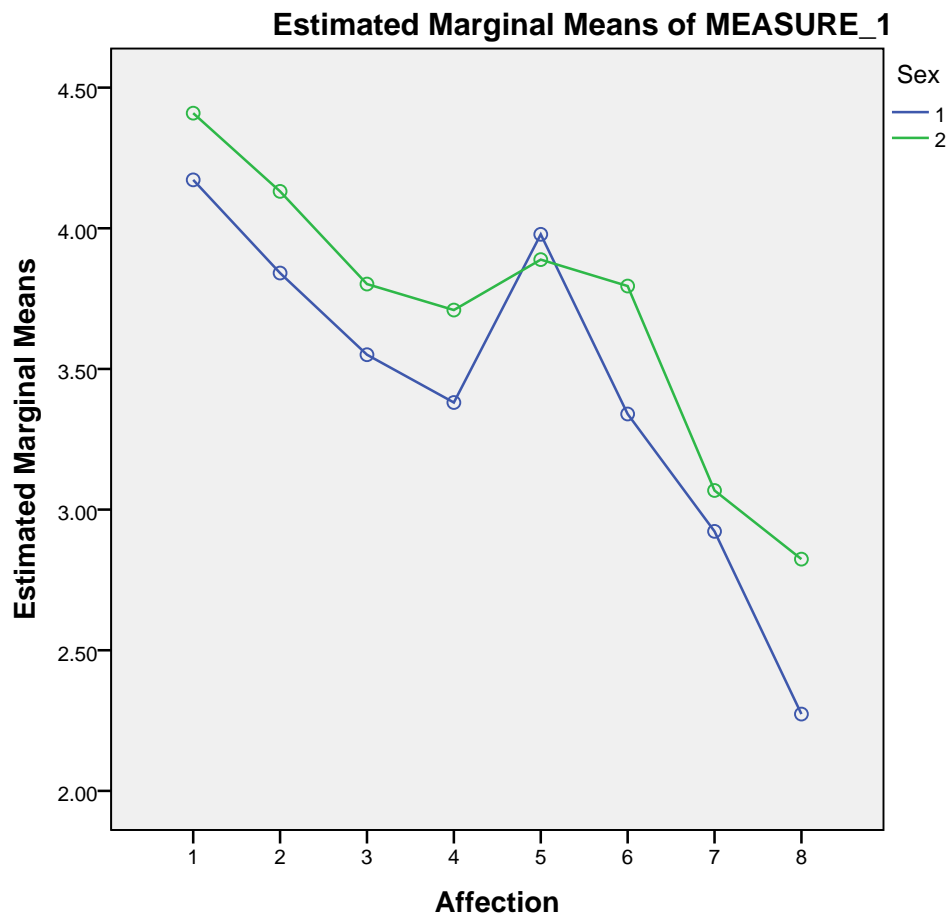
b. Computed using alpha = .05

#### 4. Sex \* Affection

Measure: MEASURE\_1

Sex	Affection	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	4.172	.082	4.011	4.333
	2	3.841	.099	3.647	4.035
	3	3.551	.111	3.333	3.768
	4	3.381	.104	3.177	3.584
	5	3.978	.114	3.754	4.203
	6	3.340	.077	3.189	3.490
	7	2.923	.090	2.745	3.100
	8	2.273	.135	2.008	2.538
2	1	4.409	.050	4.312	4.507
	2	4.131	.060	4.014	4.249
	3	3.802	.067	3.670	3.934
	4	3.709	.063	3.586	3.833
	5	3.889	.069	3.753	4.025
	6	3.795	.046	3.703	3.886
	7	3.068	.055	2.961	3.175
	8	2.824	.082	2.663	2.985

#### Profile Plots



```
GLM muminstrumental dadinstrumental sibinstrumental relativeinstrumental romanticinstrumental
  /WSFACTOR=Instrumental 8 Polynomial
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Instrumental*Sex)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Sex) COMPARE ADJ(BONFERRONI)
  /EMMEANS=TABLES(Instrumental) COMPARE ADJ(BONFERRONI)
  /EMMEANS=TABLES(Sex*Instrumental)
  /PRINT=DESCRIPTIVE ETASQ OPOWER
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=Instrumental
  /DESIGN=Sex.
```

## 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 muminstrumental dadinstrumental sibinstrumental relativeinstrumental romanticinstrumental samesexinstrumental othersexinstrumental extrainstrumental BY Sex  /WSFACTOR=Instrumenta l 8 Polynomial /METHOD=SSTYPE(3) /PLOT=PROFILE (Instrumental*Sex) /EMMEANS=TABLES (OVERALL) /EMMEANS=TABLES (Sex) COMPARE ADJ (BONFERRONI) /EMMEANS=TABLES (Instrumental) COMPARE ADJ(BONFERRONI) /EMMEANS=TABLES (Sex*Instrumental) /PRINT=DESCRIPTIVE ETASQ OPOWER /CRITERIA=ALPHA(.05)  /WSDESIGN=Instrumental /DESIGN=Sex.
Resources	Processor Time	00:00:00.20
	Elapsed Time	00:00:00.22

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### 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
Sex 1	155
2	422

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
muminstrumental	1	2.8903	1.20850	155
	2	3.3065	1.19417	422
	Total	3.1947	1.21114	577
dadinstrumental	1	2.9419	1.29108	155
	2	2.8878	1.23469	422
	Total	2.9024	1.24919	577
sibinstrumental	1	2.1591	1.16052	155
	2	2.3294	1.13429	422
	Total	2.2837	1.14288	577
relativeinstrumental	1	1.8839	1.03864	155
	2	2.0205	1.05739	422
	Total	1.9838	1.05324	577
romanticinstrumental	1	3.0538	1.33143	155
	2	3.0869	1.30303	422
	Total	3.0780	1.30964	577
samesexinstrumental	1	2.6925	.99532	155
	2	2.9692	.93598	422
	Total	2.8949	.95930	577
othersexinstrumental	1	2.2086	1.06577	155
	2	2.2796	1.03579	422
	Total	2.2605	1.04347	577
extrainstrumental	1	1.7914	1.37602	155
	2	2.1580	1.36784	422
	Total	2.0595	1.37848	577

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df
Instrumental	Pillai's Trace	.529	91.325 <sup>b</sup>	7.000	569.000
	Wilks' Lambda	.471	91.325 <sup>b</sup>	7.000	569.000
	Hotelling's Trace	1.124	91.325 <sup>b</sup>	7.000	569.000
	Roy's Largest Root	1.124	91.325 <sup>b</sup>	7.000	569.000
Instrumental * Sex	Pillai's Trace	.045	3.787 <sup>b</sup>	7.000	569.000
	Wilks' Lambda	.955	3.787 <sup>b</sup>	7.000	569.000
	Hotelling's Trace	.047	3.787 <sup>b</sup>	7.000	569.000
	Roy's Largest Root	.047	3.787 <sup>b</sup>	7.000	569.000

### Multivariate Tests<sup>a</sup>

Effect		Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>c</sup>
Instrumental	Pillai's Trace	.000	.529	639.275	1.000
	Wilks' Lambda	.000	.529	639.275	1.000
	Hotelling's Trace	.000	.529	639.275	1.000
	Roy's Largest Root	.000	.529	639.275	1.000
Instrumental * Sex	Pillai's Trace	.000	.045	26.509	.980
	Wilks' Lambda	.000	.045	26.509	.980
	Hotelling's Trace	.000	.045	26.509	.980
	Roy's Largest Root	.000	.045	26.509	.980

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

b. Exact statistic

c. Computed using alpha = .05

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup>
					Greenhouse-Geisser
Instrumental	.510	385.779	27	.000	.840

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Instrumental	.851	.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 + Sex  
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	F
Instrumental	Sphericity Assumed	751.936	7	107.419	96.251
	Greenhouse-Geisser	751.936	5.878	127.914	96.251
	Huynh-Feldt	751.936	5.956	126.242	96.251
	Lower-bound	751.936	1.000	751.936	96.251
Instrumental * Sex	Sphericity Assumed	21.549	7	3.078	2.758
	Greenhouse-Geisser	21.549	5.878	3.666	2.758
	Huynh-Feldt	21.549	5.956	3.618	2.758
	Lower-bound	21.549	1.000	21.549	2.758
Error(Instrumental)	Sphericity Assumed	4492.052	4025	1.116	
	Greenhouse-Geisser	4492.052	3380.117	1.329	
	Huynh-Feldt	4492.052	3424.888	1.312	
	Lower-bound	4492.052	575.000	7.812	

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Sig.	Partial Eta Squared	Noncent. Parameter
Instrumental	Sphericity Assumed	.000	.143	673.755
	Greenhouse-Geisser	.000	.143	565.807
	Huynh-Feldt	.000	.143	573.301
	Lower-bound	.000	.143	96.251
Instrumental * Sex	Sphericity Assumed	.007	.005	19.309
	Greenhouse-Geisser	.012	.005	16.215
	Huynh-Feldt	.011	.005	16.430
	Lower-bound	.097	.005	2.758
Error(Instrumental)	Sphericity Assumed			
	Greenhouse-Geisser			
	Huynh-Feldt			
	Lower-bound			

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Observed Power <sup>a</sup>
Instrumental	Sphericity Assumed	1.000
	Greenhouse-Geisser	1.000
	Huynh-Feldt	1.000
	Lower-bound	1.000
Instrumental * Sex	Sphericity Assumed	.917
	Greenhouse-Geisser	.876
	Huynh-Feldt	.879
	Lower-bound	.382
Error(Instrumental)	Sphericity Assumed	
	Greenhouse-Geisser	
	Huynh-Feldt	
	Lower-bound	

a. Computed using alpha = .05

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source		Type III Sum of Squares	df	Mean Square	F	Sig.
Instrumental	Linear	187.828	1	187.828	106.317	.000
	Quadratic	.299	1	.299	.257	.612
	Cubic	246.203	1	246.203	254.866	.000
	Order 4	1.833	1	1.833	1.775	.183
	Order 5	244.343	1	244.343	282.843	.000
	Order 6	.043	1	.043	.051	.821
	Order 7	71.388	1	71.388	60.571	.000
Instrumental * Sex	Linear	.165	1	.165	.093	.760
	Quadratic	7.376	1	7.376	6.354	.012
	Cubic	.850	1	.850	.880	.348
	Order 4	5.459	1	5.459	5.286	.022
	Order 5	.457	1	.457	.529	.467
	Order 6	6.437	1	6.437	7.632	.006
	Order 7	.804	1	.804	.682	.409
Error(Instrumental)	Linear	1015.846	575	1.767		
	Quadratic	667.503	575	1.161		
	Cubic	555.454	575	.966		
	Order 4	593.825	575	1.033		
	Order 5	496.733	575	.864		
	Order 6	485.007	575	.843		
	Order 7	677.683	575	1.179		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Instrumental	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Instrumental	Linear	.156	106.317	1.000
	Quadratic	.000	.257	.080
	Cubic	.307	254.866	1.000
	Order 4	.003	1.775	.265
	Order 5	.330	282.843	1.000
	Order 6	.000	.051	.056
	Order 7	.095	60.571	1.000
Instrumental * Sex	Linear	.000	.093	.061
	Quadratic	.011	6.354	.711
	Cubic	.002	.880	.155
	Order 4	.009	5.286	.631
	Order 5	.001	.529	.112
	Order 6	.013	7.632	.788
	Order 7	.001	.682	.131
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	23426.139	1	23426.139	7349.812	.000	.927
Sex	28.429	1	28.429	8.919	.003	.015
Error	1832.704	575	3.187			

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power <sup>a</sup>
Intercept	7349.812	1.000
Sex	8.919	.847
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
2.541	.030	2.483	2.599

## 2. Sex

### Estimates

Measure: MEASURE\_1

Sex	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.453	.051	2.353	2.552
2	2.630	.031	2.569	2.690

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Sex	(J) Sex	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	-.177 <sup>*</sup>	.059	.003	-.293	-.061
2	1	.177 <sup>*</sup>	.059	.003	.061	.293

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

### Univariate Tests

Measure: MEASURE\_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	3.554	1	3.554	8.919	.003	.015
Error	229.088	575	.398			

### Univariate Tests

Measure: MEASURE\_1

	Noncent. Parameter	Observed Power <sup>a</sup>
Contrast	8.919	.847
Error		

The F tests the effect of Sex. 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	3.098	.056	2.988	3.209
2	2.915	.059	2.800	3.030
3	2.244	.054	2.139	2.350
4	1.952	.049	1.855	2.049
5	3.070	.062	2.949	3.191
6	2.831	.045	2.743	2.919
7	2.244	.049	2.148	2.340
8	1.975	.064	1.848	2.101

### Pairwise Comparisons

Measure: MEASURE\_1

		Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval
(I) Instrumental	(J) Instrumental				Lower Bound
1	2	.184 <sup>*</sup>	.056	.029	.009
	3	.854 <sup>*</sup>	.066	.000	.646
	4	1.146 <sup>*</sup>	.062	.000	.951
	5	.028	.081	1.000	-.227
	6	.268 <sup>*</sup>	.062	.001	.072
	7	.854 <sup>*</sup>	.068	.000	.639
	8	1.124 <sup>*</sup>	.079	.000	.877
2	1	-.184 <sup>*</sup>	.056	.029	-.358
	3	.671 <sup>*</sup>	.066	.000	.464
	4	.963 <sup>*</sup>	.065	.000	.759
	5	-.155	.084	1.000	-.418
	6	.084	.066	1.000	-.124
	7	.671 <sup>*</sup>	.070	.000	.450
	8	.940 <sup>*</sup>	.082	.000	.684
3	1	-.854 <sup>*</sup>	.066	.000	-1.062
	2	-.671 <sup>*</sup>	.066	.000	-.877
	4	.292 <sup>*</sup>	.065	.000	.087
	5	-.826 <sup>*</sup>	.080	.000	-1.077
	6	-.587 <sup>*</sup>	.062	.000	-.782
	7	.000	.065	1.000	-.204
	8	.270 <sup>*</sup>	.077	.013	.029
4	1	-1.146 <sup>*</sup>	.062	.000	-1.342
	2	-.963 <sup>*</sup>	.065	.000	-1.166

### Pairwise Comparisons

Measure: MEASURE\_1

		95% Confidence b...
(I) Instrumental	(J) Instrumental	Upper Bound
1	2	.358
	3	1.062
	4	1.342
	5	.283
	6	.463
	7	1.069
	8	1.371
2	1	-.009
	3	.877
	4	1.166
	5	.108
	6	.292
	7	.892
	8	1.197
3	1	-.646
	2	-.464
	4	.497
	5	-.575
	6	-.391
	7	.205
	8	.510
4	1	-.951
	2	-.759

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Instrumental	(J) Instrumental	Mean Difference (I- J)	Std. Error	Sig. <sup>b</sup>	95% Confidence b...
					Lower Bound
5	3	-.292 <sup>*</sup>	.065	.000	-.497
	5	-1.118 <sup>*</sup>	.078	.000	-1.361
	6	-.879 <sup>*</sup>	.059	.000	-1.064
	7	-.292 <sup>*</sup>	.060	.000	-.480
	8	-.022	.072	1.000	-.249
	1	-.028	.081	1.000	-.283
	2	.155	.084	1.000	-.108
	3	.826 <sup>*</sup>	.080	.000	.575
	4	1.118 <sup>*</sup>	.078	.000	.875
	6	.239 <sup>*</sup>	.074	.036	.007
	7	.826 <sup>*</sup>	.079	.000	.577
	8	1.096 <sup>*</sup>	.085	.000	.827
6	1	-.268 <sup>*</sup>	.062	.001	-.463
	2	-.084	.066	1.000	-.292
	3	.587 <sup>*</sup>	.062	.000	.391
	4	.879 <sup>*</sup>	.059	.000	.693
	5	-.239 <sup>*</sup>	.074	.036	-.472
	7	.587 <sup>*</sup>	.049	.000	.434
	8	.856 <sup>*</sup>	.068	.000	.642
7	1	-.854 <sup>*</sup>	.068	.000	-1.069
	2	-.671 <sup>*</sup>	.070	.000	-.892
	3	.000	.065	1.000	-.205
	4	.292 <sup>*</sup>	.060	.000	.104
	5	-.826 <sup>*</sup>	.079	.000	-1.076
	6	-.587 <sup>*</sup>	.049	.000	-.740
	8	.269 <sup>*</sup>	.066	.001	.062
8	1	-1.124 <sup>*</sup>	.079	.000	-1.371
	2	-.940 <sup>*</sup>	.082	.000	-1.197
	3	-.270 <sup>*</sup>	.077	.013	-.510
	4	.022	.072	1.000	-.204
	5	-1.096 <sup>*</sup>	.085	.000	-1.364
	6	-.856 <sup>*</sup>	.068	.000	-1.070
	7	-.269 <sup>*</sup>	.066	.001	-.477

### Pairwise Comparisons

Measure: MEASURE\_1

		95% Confidence b...
(I) Instrumental	(J) Instrumental	Upper Bound
5	3	-.087
	5	-.875
	6	-.693
	7	-.104
	8	.204
	1	.227
	2	.418
	3	1.077
	4	1.361
	6	.472
	7	1.076
	8	1.364
	1	-.072
	2	.124
	3	.782
6	4	1.064
	5	-.007
	7	.740
	8	1.070
7	1	-.639
	2	-.450
	3	.204
	4	.480
	5	-.577
	6	-.434
	8	.477
8	1	-.877
	2	-.684
	3	-.029
	4	.249
	5	-.827
	6	-.642
	7	-.062

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

#### Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.529	91.325 <sup>a</sup>	7.000	569.000	.000	.529
Wilks' lambda	.471	91.325 <sup>a</sup>	7.000	569.000	.000	.529
Hotelling's trace	1.124	91.325 <sup>a</sup>	7.000	569.000	.000	.529
Roy's largest root	1.124	91.325 <sup>a</sup>	7.000	569.000	.000	.529

#### Multivariate Tests

	Noncent. Parameter	Observed Power <sup>b</sup>
Pillai's trace	639.275	1.000
Wilks' lambda	639.275	1.000
Hotelling's trace	639.275	1.000
Roy's largest root	639.275	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

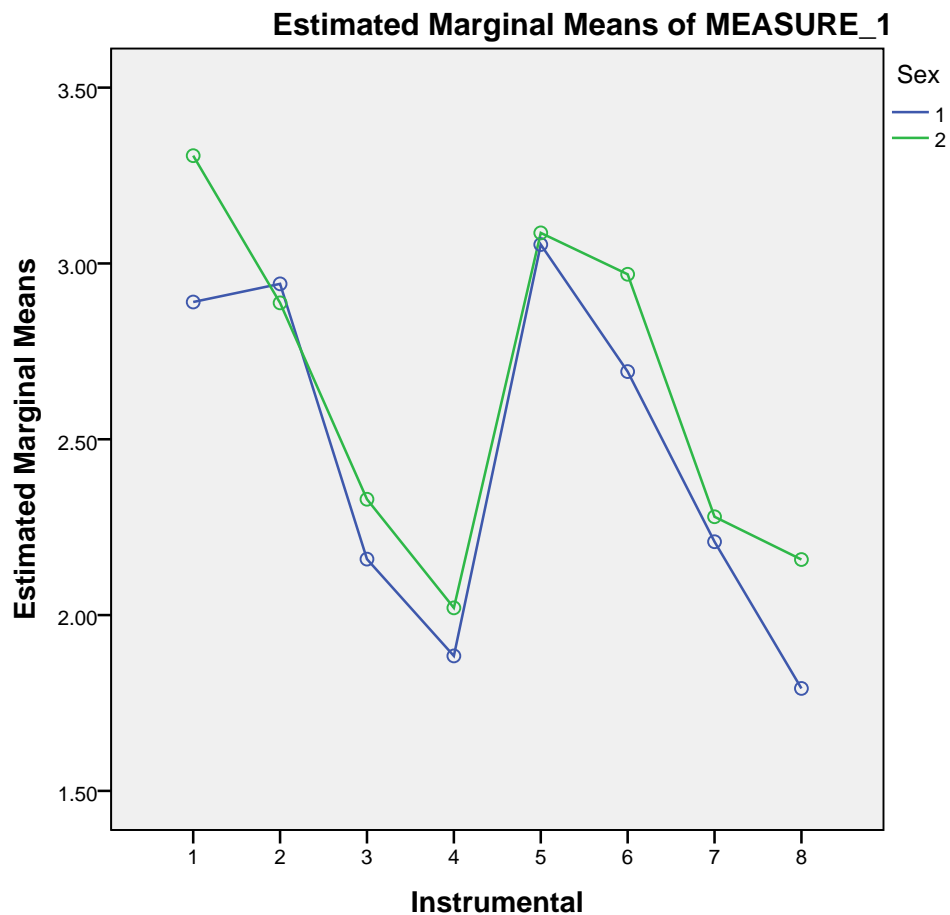
b. Computed using alpha = .05

#### 4. Sex \* Instrumental

Measure: MEASURE\_1

Sex	Instrumental	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	2.890	.096	2.701	3.079
	2	2.942	.100	2.745	3.139
	3	2.159	.092	1.979	2.339
	4	1.884	.085	1.718	2.050
	5	3.054	.105	2.847	3.261
	6	2.692	.076	2.542	2.843
	7	2.209	.084	2.044	2.373
	8	1.791	.110	1.575	2.008
2	1	3.306	.058	3.192	3.421
	2	2.888	.061	2.768	3.007
	3	2.329	.056	2.220	2.439
	4	2.021	.051	1.920	2.121
	5	3.087	.064	2.962	3.212
	6	2.969	.046	2.878	3.060
	7	2.280	.051	2.180	2.379
	8	2.158	.067	2.027	2.289

#### Profile Plots



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  /PLOT=PROFILE(Intimacy*Sex)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Sex) COMPARE ADJ(BONFERRONI)
  /EMMEANS=TABLES(Intimacy) COMPARE ADJ(BONFERRONI)
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  /WSDESIGN=Intimacy
  /DESIGN=Sex.
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## General Linear Model

## Notes

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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
Sex	1	155
	2	422

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
mumintdisclosure	1	2.3376	1.22680	155
	2	2.8262	1.25936	422
	Total	2.6950	1.26830	577
daddisclosure	1	1.9505	1.12289	155
	2	1.9321	.99940	422
	Total	1.9370	1.03306	577
siblingdisclosure	1	2.1140	1.18580	155
	2	2.3894	1.27081	422
	Total	2.3154	1.25349	577
relativedisclosure	1	1.4710	.80742	155
	2	1.6374	.98789	422
	Total	1.5927	.94502	577
romanticdisclosure	1	3.6495	1.44739	155
	2	3.6082	1.49892	422
	Total	3.6193	1.48412	577
samesexdisclosure	1	2.8452	1.12769	155
	2	3.7449	1.08515	422
	Total	3.5032	1.16619	577
othersexdisclosure	1	2.3505	1.24130	155
	2	2.4897	1.20887	422
	Total	2.4523	1.21815	577
extradisclosure	1	1.7699	1.41450	155
	2	2.3641	1.59120	422
	Total	2.2045	1.56685	577

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df	Sig.
Intimacy	Pillai's Trace	.688	179.565 <sup>b</sup>	7.000	569.000	.000
	Wilks' Lambda	.312	179.565 <sup>b</sup>	7.000	569.000	.000
	Hotelling's Trace	2.209	179.565 <sup>b</sup>	7.000	569.000	.000
	Roy's Largest Root	2.209	179.565 <sup>b</sup>	7.000	569.000	.000
Intimacy * Sex	Pillai's Trace	.127	11.829 <sup>b</sup>	7.000	569.000	.000
	Wilks' Lambda	.873	11.829 <sup>b</sup>	7.000	569.000	.000
	Hotelling's Trace	.146	11.829 <sup>b</sup>	7.000	569.000	.000
	Roy's Largest Root	.146	11.829 <sup>b</sup>	7.000	569.000	.000

### Multivariate Tests<sup>a</sup>

Effect		Partial Eta Squared	Noncent. Parameter	Observed Power <sup>c</sup>
Intimacy	Pillai's Trace	.688	1256.953	1.000
	Wilks' Lambda	.688	1256.953	1.000
	Hotelling's Trace	.688	1256.953	1.000
	Roy's Largest Root	.688	1256.953	1.000
Intimacy * Sex	Pillai's Trace	.127	82.802	1.000
	Wilks' Lambda	.127	82.802	1.000
	Hotelling's Trace	.127	82.802	1.000
	Roy's Largest Root	.127	82.802	1.000

- a. Design: Intercept + Sex  
Within Subjects Design: Intimacy
- b. Exact statistic
- c. Computed using alpha = .05

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup>
					Greenhouse-Geisser
Intimacy	.442	466.798	27	.000	.814

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Intimacy	.824	.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 + Sex  
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	F
Intimacy	Sphericity Assumed	1526.660	7	218.094	162.437
	Greenhouse-Geisser	1526.660	5.697	267.957	162.437
	Huynh-Feldt	1526.660	5.771	264.544	162.437
	Lower-bound	1526.660	1.000	1526.660	162.437
Intimacy * Sex	Sphericity Assumed	84.183	7	12.026	8.957
	Greenhouse-Geisser	84.183	5.697	14.776	8.957
	Huynh-Feldt	84.183	5.771	14.588	8.957
	Lower-bound	84.183	1.000	84.183	8.957
Error(Intimacy)	Sphericity Assumed	5404.108	4025	1.343	
	Greenhouse-Geisser	5404.108	3276.003	1.650	
	Huynh-Feldt	5404.108	3318.277	1.629	
	Lower-bound	5404.108	575.000	9.398	

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Intimacy	Sphericity Assumed	.000	.220	1137.062	1.000
	Greenhouse-Geisser	.000	.220	925.470	1.000
	Huynh-Feldt	.000	.220	937.413	1.000
	Lower-bound	.000	.220	162.437	1.000
Intimacy * Sex	Sphericity Assumed	.000	.015	62.700	1.000
	Greenhouse-Geisser	.000	.015	51.032	1.000
	Huynh-Feldt	.000	.015	51.691	1.000
	Lower-bound	.003	.015	8.957	.848
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	Sig.
Intimacy	Linear	43.064	1	43.064	19.929	.000
	Quadratic	86.201	1	86.201	58.947	.000
	Cubic	654.842	1	654.842	571.319	.000
	Order 4	25.202	1	25.202	20.504	.000
	Order 5	243.390	1	243.390	251.210	.000
	Order 6	80.522	1	80.522	74.051	.000
	Order 7	393.439	1	393.439	292.814	.000
Intimacy * Sex	Linear	6.879	1	6.879	3.184	.075
	Quadratic	8.499	1	8.499	5.812	.016
	Cubic	6.186	1	6.186	5.397	.021
	Order 4	2.401	1	2.401	1.953	.163
	Order 5	1.103	1	1.103	1.139	.286
	Order 6	46.707	1	46.707	42.953	.000
	Order 7	12.408	1	12.408	9.235	.002
Error(Intimacy)	Linear	1242.500	575	2.161		
	Quadratic	840.849	575	1.462		
	Cubic	659.061	575	1.146		
	Order 4	706.745	575	1.229		
	Order 5	557.101	575	.969		
	Order 6	625.253	575	1.087		
	Order 7	772.599	575	1.344		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Intimacy	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Intimacy	Linear	.033	19.929	.994
	Quadratic	.093	58.947	1.000
	Cubic	.498	571.319	1.000
	Order 4	.034	20.504	.995
	Order 5	.304	251.210	1.000
	Order 6	.114	74.051	1.000
	Order 7	.337	292.814	1.000
Intimacy * Sex	Linear	.006	3.184	.429
	Quadratic	.010	5.812	.673
	Cubic	.009	5.397	.640
	Order 4	.003	1.953	.287
	Order 5	.002	1.139	.187
	Order 6	.070	42.953	1.000
	Order 7	.016	9.235	.859
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	22087.097	1	22087.097	7451.258	.000	.928
Sex	88.843	1	88.843	29.972	.000	.050
Error	1704.421	575	2.964			

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power <sup>a</sup>
Intercept	7451.258	1.000
Sex	29.972	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
2.468	.029	2.411	2.524

## 2. Sex

### Estimates

Measure: MEASURE\_1

Sex	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.311	.049	2.215	2.407
2	2.624	.030	2.566	2.682

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Sex	(J) Sex	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	-.313 <sup>*</sup>	.057	.000	-.425	-.201
2	1	.313 <sup>*</sup>	.057	.000	.201	.425

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

### Univariate Tests

Measure: MEASURE\_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	11.105	1	11.105	29.972	.000	.050
Error	213.053	575	.371			

### Univariate Tests

Measure: MEASURE\_1

	Noncent. Parameter	Observed Power <sup>a</sup>
Contrast	29.972	1.000
Error		

The F tests the effect of Sex. 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	2.582	.059	2.467	2.697
2	1.941	.049	1.846	2.037
3	2.252	.059	2.137	2.367
4	1.554	.044	1.467	1.641
5	3.629	.070	3.492	3.766
6	3.295	.052	3.194	3.396
7	2.420	.057	2.308	2.532
8	2.067	.073	1.924	2.210

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Intimacy	(J) Intimacy	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	.641 <sup>*</sup>	.057	.000	.462	.819
	3	.330 <sup>*</sup>	.074	.000	.098	.562
	4	1.028 <sup>*</sup>	.062	.000	.832	1.224
	5	-1.047 <sup>*</sup>	.089	.000	-1.326	-.768
	6	-.713 <sup>*</sup>	.074	.000	-.944	-.482
	7	.162	.080	1.000	-.090	.414
	8	.515 <sup>*</sup>	.088	.000	.238	.792
2	1	-.641 <sup>*</sup>	.057	.000	-.819	-.462
	3	-.310 <sup>*</sup>	.062	.000	-.505	-.116
	4	.387 <sup>*</sup>	.055	.000	.214	.560
	5	-1.688 <sup>*</sup>	.084	.000	-1.952	-1.424
	6	-1.354 <sup>*</sup>	.066	.000	-1.559	-1.148
	7	-.479 <sup>*</sup>	.070	.000	-.700	-.258
	8	-.126	.083	1.000	-.387	.136
3	1	-.330 <sup>*</sup>	.074	.000	-.562	-.098
	2	.310 <sup>*</sup>	.062	.000	.116	.505
	4	.697 <sup>*</sup>	.069	.000	.482	.913
	5	-1.377 <sup>*</sup>	.091	.000	-1.663	-1.092
	6	-1.043 <sup>*</sup>	.073	.000	-1.273	-.814
	7	-.168	.079	.909	-.415	.078
	8	.185	.091	1.000	-.101	.471
4	1	-1.028 <sup>*</sup>	.062	.000	-1.224	-.832
	2	-.387 <sup>*</sup>	.055	.000	-.560	-.214

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Intimacy	(J) Intimacy	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
5	3	-.697 <sup>*</sup>	.069	.000	-.913	-.482
	5	-2.075 <sup>*</sup>	.082	.000	-2.331	-1.818
	6	-1.741 <sup>*</sup>	.064	.000	-1.941	-1.540
	7	-.866 <sup>*</sup>	.067	.000	-1.075	-.657
	8	-.513 <sup>*</sup>	.079	.000	-.762	-.264
	1	1.047 <sup>*</sup>	.089	.000	.768	1.326
	2	1.688 <sup>*</sup>	.084	.000	1.424	1.952
	3	1.377 <sup>*</sup>	.091	.000	1.092	1.663
	4	2.075 <sup>*</sup>	.082	.000	1.818	2.331
	6	.334 <sup>*</sup>	.086	.003	.065	.603
	7	1.209 <sup>*</sup>	.092	.000	.922	1.496
	8	1.562 <sup>*</sup>	.098	.000	1.253	1.871
6	1	.713 <sup>*</sup>	.074	.000	.482	.944
	2	1.354 <sup>*</sup>	.066	.000	1.148	1.559
	3	1.043 <sup>*</sup>	.073	.000	.814	1.273
	4	1.741 <sup>*</sup>	.064	.000	1.540	1.941
	5	-.334 <sup>*</sup>	.086	.003	-.603	-.065
	7	.875 <sup>*</sup>	.062	.000	.682	1.068
	8	1.228 <sup>*</sup>	.077	.000	.986	1.470
7	1	-.162	.080	1.000	-.414	.090
	2	.479 <sup>*</sup>	.070	.000	.258	.700
	3	.168	.079	.909	-.078	.415
	4	.866 <sup>*</sup>	.067	.000	.657	1.075
	5	-1.209 <sup>*</sup>	.092	.000	-1.496	-.922
	6	-.875 <sup>*</sup>	.062	.000	-1.068	-.682
	8	.353 <sup>*</sup>	.078	.000	.108	.598
8	1	-.515 <sup>*</sup>	.088	.000	-.792	-.238
	2	.126	.083	1.000	-.136	.387
	3	-.185	.091	1.000	-.471	.101
	4	.513 <sup>*</sup>	.079	.000	.264	.762
	5	-1.562 <sup>*</sup>	.098	.000	-1.871	-1.253
	6	-1.228 <sup>*</sup>	.077	.000	-1.470	-.986
	7	-.353 <sup>*</sup>	.078	.000	-.598	-.108

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

#### Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.688	179.565 <sup>a</sup>	7.000	569.000	.000	.688
Wilks' lambda	.312	179.565 <sup>a</sup>	7.000	569.000	.000	.688
Hotelling's trace	2.209	179.565 <sup>a</sup>	7.000	569.000	.000	.688
Roy's largest root	2.209	179.565 <sup>a</sup>	7.000	569.000	.000	.688

#### Multivariate Tests

	Noncent. Parameter	Observed Power <sup>b</sup>
Pillai's trace	1256.953	1.000
Wilks' lambda	1256.953	1.000
Hotelling's trace	1256.953	1.000
Roy's largest root	1256.953	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

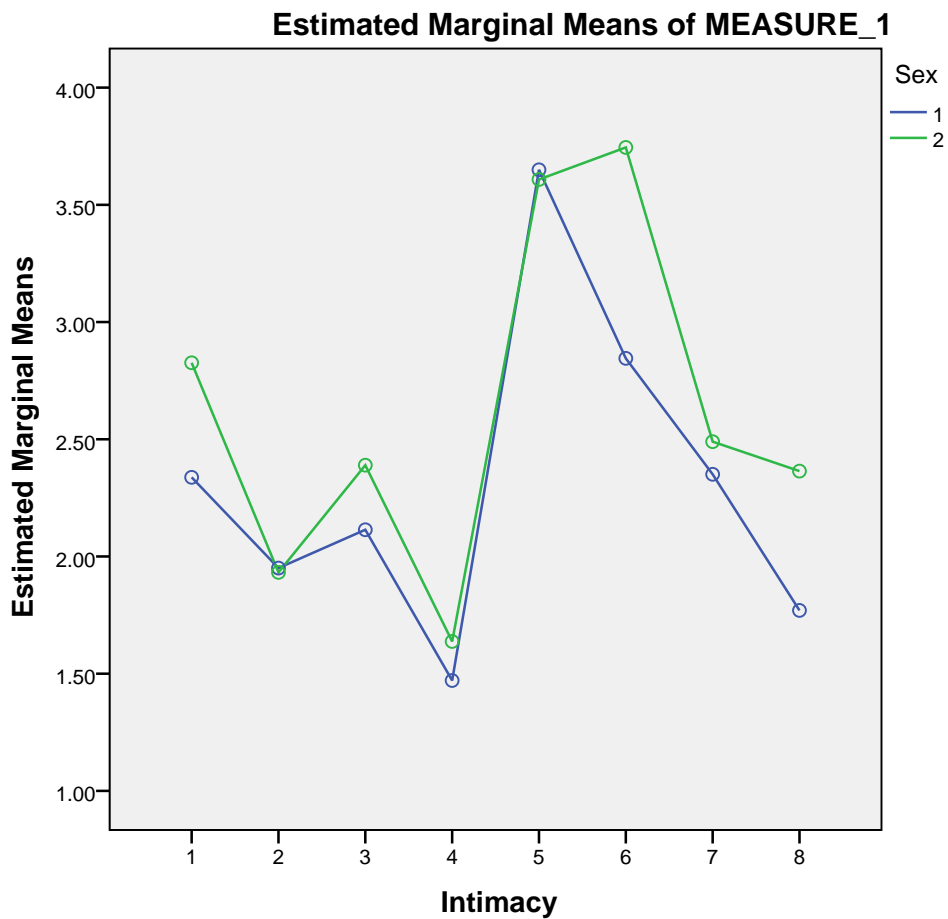
b. Computed using alpha = .05

#### 4. Sex \* Intimacy

Measure: MEASURE\_1

Sex	Intimacy	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	2.338	.100	2.140	2.535
	2	1.951	.083	1.787	2.114
	3	2.114	.100	1.917	2.311
	4	1.471	.076	1.322	1.620
	5	3.649	.119	3.415	3.884
	6	2.845	.088	2.672	3.018
	7	2.351	.098	2.158	2.543
	8	1.770	.124	1.526	2.014
2	1	2.826	.061	2.707	2.946
	2	1.932	.050	1.833	2.031
	3	2.389	.061	2.270	2.509
	4	1.637	.046	1.547	1.728
	5	3.608	.072	3.466	3.750
	6	3.745	.053	3.640	3.850
	7	2.490	.059	2.373	2.606
	8	2.364	.075	2.216	2.512

#### Profile Plots



```
GLM mumsupport dadsupport sibsupport relsupport romanticssupport samesexsupport othersexsupp
  /WSFACTOR=Support 8 Polynomial
  /METHOD=SSTYPE(3)
  /PLOT=PROFILE(Support*Sex)
  /EMMEANS=TABLES(OVERALL)
  /EMMEANS=TABLES(Sex) COMPARE ADJ(BONFERRONI)
  /EMMEANS=TABLES(Support) COMPARE ADJ(BONFERRONI)
  /EMMEANS=TABLES(Sex*Support)
  /PRINT=DESCRIPTIVE ETASQ OPOWER
  /CRITERIA=ALPHA(.05)
  /WSDESIGN=Support
  /DESIGN=Sex.
```

## 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.
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### Within-Subjects Factors

Measure: MEASURE\_1

Support	Dependent Variable
1	mumsupport
2	dadsupport
3	sibsupport
4	relsupport
5	romanticsupport
6	samesexsupport
7	othersexsupport
8	extrasupport

### Between-Subjects Factors

	N
Sex 1	155
2	422

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
mumsupport	1	3.1988	.93164	155
	2	3.4920	.91863	422
	Total	3.4132	.93047	577
dadsupport	1	2.9782	1.02261	155
	2	3.0345	.98210	422
	Total	3.0194	.99256	577
sibsupport	1	2.8444	1.14403	155
	2	3.0560	1.12122	422
	Total	2.9992	1.13030	577
relsupport	1	2.4660	.93528	155
	2	2.6957	.94372	422
	Total	2.6340	.94615	577
romanticsupport	1	3.5908	1.31972	155
	2	3.4505	1.29057	422
	Total	3.4882	1.29881	577
samesexsupport	1	3.0949	.91771	155
	2	3.5304	.80661	422
	Total	3.4134	.85908	577
othersexsupport	1	2.6338	1.04191	155
	2	2.7287	.96458	422
	Total	2.7032	.98593	577

### Descriptive Statistics

	Sex	Mean	Std. Deviation	N
extrasupport	1	2.0768	1.47622	155
	2	2.5284	1.48485	422
	Total	2.4071	1.49475	577

### Multivariate Tests<sup>a</sup>

Effect		Value	F	Hypothesis df	Error df	Sig.
Support	Pillai's Trace	.504	82.619 <sup>b</sup>	7.000	569.000	.000
	Wilks' Lambda	.496	82.619 <sup>b</sup>	7.000	569.000	.000
	Hotelling's Trace	1.016	82.619 <sup>b</sup>	7.000	569.000	.000
	Roy's Largest Root	1.016	82.619 <sup>b</sup>	7.000	569.000	.000
Support * Sex	Pillai's Trace	.061	5.280 <sup>b</sup>	7.000	569.000	.000
	Wilks' Lambda	.939	5.280 <sup>b</sup>	7.000	569.000	.000
	Hotelling's Trace	.065	5.280 <sup>b</sup>	7.000	569.000	.000
	Roy's Largest Root	.065	5.280 <sup>b</sup>	7.000	569.000	.000

### Multivariate Tests<sup>a</sup>

Effect		Partial Eta Squared	Noncent. Parameter	Observed Power <sup>c</sup>
Support	Pillai's Trace	.504	578.336	1.000
	Wilks' Lambda	.504	578.336	1.000
	Hotelling's Trace	.504	578.336	1.000
	Roy's Largest Root	.504	578.336	1.000
Support * Sex	Pillai's Trace	.061	36.957	.998
	Wilks' Lambda	.061	36.957	.998
	Hotelling's Trace	.061	36.957	.998
	Roy's Largest Root	.061	36.957	.998

a. Design: Intercept + Sex  
Within Subjects Design: Support

b. Exact statistic

c. Computed using alpha = .05

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

Within Subjects Effect	Mauchly's W	Approx. Chi-Square	df	Sig.	Epsilon <sup>b</sup>
					Greenhouse-Geisser
Support	.316	659.155	27	.000	.751

### Mauchly's Test of Sphericity<sup>a</sup>

Measure: MEASURE\_1

	Epsilon <sup>b</sup>	
	Huynh-Feldt	Lower-bound
Support	.760	.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 + Sex

Within Subjects Design: Support

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
Support	Sphericity Assumed	563.629	7	80.518	80.880
	Greenhouse-Geisser	563.629	5.255	107.257	80.880
	Huynh-Feldt	563.629	5.318	105.979	80.880
	Lower-bound	563.629	1.000	563.629	80.880
Support * Sex	Sphericity Assumed	31.267	7	4.467	4.487
	Greenhouse-Geisser	31.267	5.255	5.950	4.487
	Huynh-Feldt	31.267	5.318	5.879	4.487
	Lower-bound	31.267	1.000	31.267	4.487
Error(Support)	Sphericity Assumed	4007.008	4025	.996	
	Greenhouse-Geisser	4007.008	3021.581	1.326	
	Huynh-Feldt	4007.008	3058.039	1.310	
	Lower-bound	4007.008	575.000	6.969	

### Tests of Within-Subjects Effects

Measure: MEASURE\_1

Source		Sig.	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Support	Sphericity Assumed	.000	.123	566.160	1.000
	Greenhouse-Geisser	.000	.123	425.018	1.000
	Huynh-Feldt	.000	.123	430.146	1.000
	Lower-bound	.000	.123	80.880	1.000
Support * Sex	Sphericity Assumed	.000	.008	31.407	.994
	Greenhouse-Geisser	.000	.008	23.577	.977
	Huynh-Feldt	.000	.008	23.862	.978
	Lower-bound	.035	.008	4.487	.561
Error(Support)	Sphericity Assumed				
	Greenhouse-Geisser				
	Huynh-Feldt				
	Lower-bound				

a. Computed using alpha = .05

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Support	Type III Sum of Squares	df	Mean Square	F	Sig.
Support	Linear	128.421	1	128.421	84.579	.000
	Quadratic	44.760	1	44.760	39.637	.000
	Cubic	208.971	1	208.971	235.623	.000
	Order 4	2.181	1	2.181	2.386	.123
	Order 5	86.709	1	86.709	124.450	.000
	Order 6	16.172	1	16.172	21.909	.000
	Order 7	76.416	1	76.416	70.419	.000
Support * Sex	Linear	1.735	1	1.735	1.143	.286
	Quadratic	5.981	1	5.981	5.296	.022
	Cubic	.091	1	.091	.102	.749
	Order 4	.820	1	.820	.897	.344
	Order 5	.121	1	.121	.173	.678
	Order 6	12.356	1	12.356	16.739	.000
	Order 7	10.164	1	10.164	9.367	.002
Error(Support)	Linear	873.051	575	1.518		
	Quadratic	649.315	575	1.129		
	Cubic	509.960	575	.887		
	Order 4	525.646	575	.914		
	Order 5	400.624	575	.697		
	Order 6	424.444	575	.738		
	Order 7	623.968	575	1.085		

### Tests of Within-Subjects Contrasts

Measure: MEASURE\_1

Source	Support	Partial Eta Squared	Noncent. Parameter	Observed Power <sup>a</sup>
Support	Linear	.128	84.579	1.000
	Quadratic	.064	39.637	1.000
	Cubic	.291	235.623	1.000
	Order 4	.004	2.386	.338
	Order 5	.178	124.450	1.000
	Order 6	.037	21.909	.997
	Order 7	.109	70.419	1.000
Support * Sex	Linear	.002	1.143	.187
	Quadratic	.009	5.296	.632
	Cubic	.000	.102	.062
	Order 4	.002	.897	.157
	Order 5	.000	.173	.070
	Order 6	.028	16.739	.983
	Order 7	.016	9.367	.863
Error(Support)	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	31837.051	1	31837.051	12325.635	.000	.955
Sex	37.767	1	37.767	14.621	.000	.025
Error	1485.222	575	2.583			

### Tests of Between-Subjects Effects

Measure: MEASURE\_1

Transformed Variable: Average

Source	Noncent. Parameter	Observed Power <sup>a</sup>
Intercept	12325.635	1.000
Sex	14.621	.968
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
2.962	.027	2.910	3.015

## 2. Sex

### Estimates

Measure: MEASURE\_1

Sex	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	2.860	.046	2.771	2.950
2	3.065	.028	3.010	3.119

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Sex	(J) Sex	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	-.204 <sup>*</sup>	.053	.000	-.309	-.099
2	1	.204 <sup>*</sup>	.053	.000	.099	.309

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

### Univariate Tests

Measure: MEASURE\_1

	Sum of Squares	df	Mean Square	F	Sig.	Partial Eta Squared
Contrast	4.721	1	4.721	14.621	.000	.025
Error	185.653	575	.323			

### Univariate Tests

Measure: MEASURE\_1

	Noncent. Parameter	Observed Power <sup>a</sup>
Contrast	14.621	.968
Error		

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

a. Computed using alpha = .05

## 3. Support

### Estimates

Measure: MEASURE\_1

Support	Mean	Std. Error	95% Confidence Interval	
			Lower Bound	Upper Bound
1	3.345	.043	3.260	3.430
2	3.006	.047	2.915	3.098
3	2.950	.053	2.846	3.054
4	2.581	.044	2.494	2.668
5	3.521	.061	3.401	3.640
6	3.313	.039	3.235	3.390
7	2.681	.046	2.590	2.772
8	2.303	.070	2.166	2.439

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Support	(J) Support	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
1	2	.339 <sup>*</sup>	.044	.000	.201	.477
	3	.395 <sup>*</sup>	.059	.000	.211	.579
	4	.765 <sup>*</sup>	.049	.000	.609	.920
	5	-.175	.074	.490	-.406	.056
	6	.033	.049	1.000	-.122	.188
	7	.664 <sup>*</sup>	.057	.000	.485	.844
	8	1.043 <sup>*</sup>	.077	.000	.800	1.286
2	1	-.339 <sup>*</sup>	.044	.000	-.477	-.201
	3	.056	.058	1.000	-.126	.238
	4	.426 <sup>*</sup>	.051	.000	.264	.587
	5	-.514 <sup>*</sup>	.077	.000	-.756	-.272
	6	-.306 <sup>*</sup>	.052	.000	-.470	-.143
	7	.325 <sup>*</sup>	.059	.000	.138	.512
	8	.704 <sup>*</sup>	.080	.000	.452	.955
3	1	-.395 <sup>*</sup>	.059	.000	-.579	-.211
	2	-.056	.058	1.000	-.238	.126
	4	.369 <sup>*</sup>	.060	.000	.180	.559
	5	-.570 <sup>*</sup>	.080	.000	-.820	-.320
	6	-.362 <sup>*</sup>	.060	.000	-.550	-.175
	7	.269 <sup>*</sup>	.065	.001	.064	.474
	8	.648 <sup>*</sup>	.084	.000	.383	.912
4	1	-.765 <sup>*</sup>	.049	.000	-.920	-.609
	2	-.426 <sup>*</sup>	.051	.000	-.587	-.264

### Pairwise Comparisons

Measure: MEASURE\_1

(I) Support	(J) Support	Mean Difference (I-J)	Std. Error	Sig. <sup>b</sup>	95% Confidence Interval for Difference <sup>b</sup>	
					Lower Bound	Upper Bound
5	3	-.369*	.060	.000	-.559	-.180
	5	-.940*	.073	.000	-1.170	-.710
	6	-.732*	.051	.000	-.890	-.573
	7	-.100	.056	1.000	-.275	.074
	8	.278*	.075	.006	.043	.514
	1	.175	.074	.490	-.056	.406
	2	.514*	.077	.000	.272	.756
	3	.570*	.080	.000	.320	.820
	4	.940*	.073	.000	.710	1.170
	6	.208	.073	.126	-.021	.437
	7	.839*	.078	.000	.596	1.083
	8	1.218*	.091	.000	.933	1.503
6	1	-.033	.049	1.000	-.188	.122
	2	.306*	.052	.000	.143	.470
	3	.362*	.060	.000	.175	.550
	4	.732*	.051	.000	.573	.890
	5	-.208	.073	.126	-.437	.021
	7	.631*	.045	.000	.490	.773
	8	1.010*	.072	.000	.785	1.235
7	1	-.664*	.057	.000	-.844	-.485
	2	-.325*	.059	.000	-.512	-.138
	3	-.269*	.065	.001	-.474	-.064
	4	.100	.056	1.000	-.074	.275
	5	-.839*	.078	.000	-1.083	-.596
	6	-.631*	.045	.000	-.773	-.490
	8	.379*	.071	.000	.155	.602
8	1	-1.043*	.077	.000	-1.286	-.800
	2	-.704*	.080	.000	-.955	-.452
	3	-.648*	.084	.000	-.912	-.383
	4	-.278*	.075	.006	-.514	-.043
	5	-1.218*	.091	.000	-1.503	-.933
	6	-1.010*	.072	.000	-1.235	-.785
	7	-.379*	.071	.000	-.602	-.155

Based on estimated marginal means

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

b. Adjustment for multiple comparisons: Bonferroni.

#### Multivariate Tests

	Value	F	Hypothesis df	Error df	Sig.	Partial Eta Squared
Pillai's trace	.504	82.619 <sup>a</sup>	7.000	569.000	.000	.504
Wilks' lambda	.496	82.619 <sup>a</sup>	7.000	569.000	.000	.504
Hotelling's trace	1.016	82.619 <sup>a</sup>	7.000	569.000	.000	.504
Roy's largest root	1.016	82.619 <sup>a</sup>	7.000	569.000	.000	.504

#### Multivariate Tests

	Noncent. Parameter	Observed Power <sup>b</sup>
Pillai's trace	578.336	1.000
Wilks' lambda	578.336	1.000
Hotelling's trace	578.336	1.000
Roy's largest root	578.336	1.000

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

a. Exact statistic

b. Computed using alpha = .05

#### 4. Sex \* Support

Measure: MEASURE\_1

Sex	Support	Mean	Std. Error	95% Confidence Interval	
				Lower Bound	Upper Bound
1	1	3.199	.074	3.053	3.344
	2	2.978	.080	2.822	3.135
	3	2.844	.091	2.667	3.022
	4	2.466	.076	2.317	2.614
	5	3.591	.104	3.386	3.796
	6	3.095	.067	2.963	3.227
	7	2.634	.079	2.478	2.789
	8	2.077	.119	1.843	2.311
2	1	3.492	.045	3.404	3.580
	2	3.035	.048	2.940	3.129
	3	3.056	.055	2.948	3.164
	4	2.696	.046	2.606	2.786
	5	3.450	.063	3.326	3.575
	6	3.530	.041	3.450	3.610
	7	2.729	.048	2.634	2.823
	8	2.528	.072	2.387	2.670

#### Profile Plots

