

Gender	AgeGroup	Mean	Std. Deviation	N
1.00 male	1.00 <27	2.0000	1.00000	3
	2.00 27+	1.6667	.5735	3
Total		1.8333	.75277	6
2.00 female	1.00 <27	6.3333	.5735	3
	2.00 27+	2.3333	1.15470	3
Total		4.3333	2.33809	6
1.00 <27		4.1667	2.48328	6
	2.00 27+	2.0000	.89443	6
Total		3.0833	2.10878	12

Dependent Variable: HealthATT Health Attitudes

Descriptive Statistics

Value Label	N
Gender 1.00 male	6
Gender 2.00 female	6
AgeGroup Age 1.00 <27	6
AgeGroup Age 2.00 27+	6

Between-Subjects Factors

[DataSet14] C:\Users\william marelich\Desktop\CGU-prep\2X2ANO-1.SAV

Output Created	Comments	Data	Active Dataset	Filter	Weight	Split File	N of Rows in Working Data File	Missing Value	Handling	Cases Used	Weight Handling	Syntax	Resources
14-OCT-2008 12:04:12		C:\Users\william marelich\Desktop\CGU-prep\2X2ANO-1.SAV	DataSet14	<none>	<none>	<none>	12	User-defined missing values are treated as missing.	Statistics are based on all cases with valid data for all variables in the model.	UNIANOVA HealthATT BY Gender AgeGroup /METHOD = SSTYPE(3) /INTERCEPT = INCLUDE /PRINT = DESCRIPTIVE HOMOGENEITY /CRITERIA = ALPHA(.05) /DESIGN = Gender AgeGroup Gender*AgeGroup	Elapsed Time 0:00:00.01	Processor Time 0:00:00.03	

Notes

Univariate Analysis of Variance

ANOVA  
HealthATT BY Gender AgeGroup  
/METHOD = SSTYPE (3)  
/INTERCEPT = INCLUDE  
/PRINT = DESCRIPTIVE HOMOGENEITY  
/CRITERIA = ALPHA (.05)  
/DESIGN = Gender AgeGroup Gender\*AgeGroup -

*[Handwritten signatures and marks]*

### Univariate Analysis of Variance

```

DATASET ACTIVATE DataSet14.
SAVE OUTFILE='C:\Users\william marelich\Desktop\CGU-prep\2XZANO-1.SAV'
/COMPRESSED.
DATASET ACTIVATE DataSet13.
DATASET CLOSE DataSet14.
SAVE OUTFILE='C:\Users\william marelich\Desktop\CGU-prep\HAYS-2X3.sav'
/COMPRESSED.
UNIANOVA
Aspir_DV BY Norms Standing
/METHOD = SSTYPE(3)
/INTERCEPT = INCLUDE
/POSTHOC = Standing ( TUKEY )
/PRINT = DESCRIPTIVE HOMOGENEITY
/CRITERIA = ALPHA(.05)
/DESIGN = Norms Standing Norms*Standing .
    
```

a. R Squared = .877 (Adjusted R Squared = .831)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	42.917 <sup>a</sup>	3	14.306	19.074	.001
Intercept	114.083	1	114.083	152.111	.000
Gender	18.750	1	18.750	25.000	.001
AgeGroup	14.083	1	14.083	18.778	.003
Gender * AgeGroup	10.083	1	10.083	13.444	.006
Error	6.000	8	.750		
Total	163.000	12			
Corrected Total	48.917	11			

Dependent Variable: HealthATT Health Attitudes

#### Tests of Between-Subjects Effects

a. Design: Intercept+Gender+AgeGroup+Gender \* AgeGroup  
 Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

Sig.	df2	df1	F
.450	8	3	.978

Dependent Variable: HealthATT Health Attitudes

#### Levene's Test of Equality of Error Variances<sup>a</sup>

*[Handwritten signatures and marks]*

Norms Normative Comparison	Standing	Standing or	Mean	Std. Deviation	N
1.00 college students	1.00 above	46.4000	3.23866	10	10
	2.00 average	30.2000	3.48967	10	10
	3.00 below	17.8000	3.52136	10	10
Total	Total	31.4667	12.35881	30	30
2.00 prof_alth	1.00 above	36.8000	3.48967	10	10
	2.00 average	37.8000	3.48967	10	10
	3.00 below	21.4000	3.47051	10	10
Total	Total	32.0000	8.34183	30	30
1.00 above	1.00 above	41.6000	5.91519	20	20
	2.00 average	34.0000	5.17077	20	20
	3.00 below	19.6000	3.87162	20	20
Total	Total	31.7333	10.45712	60	60

Dependent Variable: Aspir\_DV Level of Aspiration

Descriptive Statistics

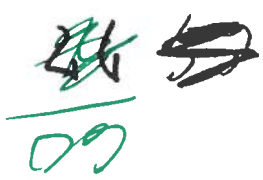
Value Label	N	Norms Normative Comparison	Standing	Value Label	N
1.00 college students	30	1.00	prof_alth	30	30
2.00 average	20	2.00	average	20	20
3.00 below	20	3.00	below	20	20

Between-Subjects Factors

[DataSet13] C:\Users\william marelich\Desktop\CGU-prep\HAYS-2X3.sav

Output Created	Comments	Input	Date	Active Dataset	Filter	Weight	Split File	N of Rows in Working Data File	Missing Value	Handling	Cases Used	Weight Handling	Syntax	Resources	Elapsed Time	Processor Time
14-OCT-2008 12:07:29		C:\Users\william marelich\Desktop\CGU-prep\HAYS-2X3.sav	DataSet13	<none>	<none>	<none>	<none>	60	User-defined missing values are treated as missing.	Statistics are based on all cases with valid data for all variables in the model.	UNIANOVA Aspir_DV By Norms Standing METHOD = SSTYPE(3) /INTERCEPT = INCLUDE /POSTHOC = Standing (TUKEY) /PRINT = DESCRIPTIVE HOMOGENEITY /CRITERIA = ALPHA(.05) /DESIGN = Norms Standing Norms*Standing .	0:00:00.02	0:00:00.02			

Notes

*Handwritten notes:*  
  
 60

Levene's Test of Equality of Error Variances<sup>a</sup>

Dependent Variable: Asprir\_DV Level of Aspiration

F	df1	df2	Sig.
.136	5	54	.983

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

a. Design: Intercept+Norms+Standing+Norms \* Standing

Tests of Between-Subjects Effects

Dependent Variable: Asprir\_DV Level of Aspiration

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	5808.533 <sup>a</sup>	5	1161.707	97.531	.000
Intercept	60420.267	1	60420.267	5072.597	.000
Norms	4.267	1	4.267	.358	.552
Standing	4994.133	2	2497.067	209.642	.000
Norms * Standing	810.133	2	405.067	34.007	.000
Error	6432.000	54	119.111		
Total	66872.000	60			
Corrected Total	6451.733	59			

a. R Squared = .900 (Adjusted R Squared = .891)

### Post Hoc Tests

### Standing or Ranking given Ss

Multiple Comparisons

Dependent Variable: Asprir\_DV Level of Aspiration

Tukey HSD

(I) Standing or Ranking given Ss	(J) Standing or Ranking given Ss	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
1.00 above	2.00 average	7.6000*	1.09138	.000	4.9698	10.2302
1.00 above	3.00 below	22.0000*	1.09138	.000	19.3698	24.6302
2.00 average	1.00 above	-7.6000*	1.09138	.000	-10.2302	-4.9698
2.00 average	2.00 average	14.4000*	1.09138	.000	11.7698	17.0302
2.00 average	3.00 below	-22.0000*	1.09138	.000	-24.6302	-19.3698
3.00 below	2.00 average	7.6000*	1.09138	.000	4.9698	10.2302
3.00 below	3.00 below	14.4000*	1.09138	.000	11.7698	17.0302

Based on observed means.

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

*Handwritten notes:*  
~~5.2~~  
 2/8  
 C1

62

anova healthATT by Gender (1,2) AgeGroup (1,2)  
 /design gender, agegroup, gender\*agegroup  
 /design gender, agegroup w gender(1) agegroup w gender(2)  
 /design agegroup, gender w agegroup(1) gender w agegroup(2)

**MANOVA**

Notes

Output Created	14-OCT-2008 12:21:30
Comments	
Input	C:\Users\William
Data	marlich\Desktop\CGU-prep\2X2ANO-1.SAV
Active Dataset	DataSet15
Filter	<none>
Weight	<none>
Split File	<none>
N of Rows in Working Data File	12
Missing Value	
Handling	
Definition of Missing	
Cases Used	
Weight Handling	
Syntax	manova healthATT by Gender (1,2) AgeGroup (1,2) /design gender, agegroup, gender*agegroup /design gender, agegroup w gender(1) agegroup w gender(2) /design agegroup, gender w agegroup(1) gender w agegroup(2)
Resources	Elapsed Time Processor Time 0:00:00.02 0:00:00.05

[DataSet15] C:\Users\William marlich\Desktop\CGU-prep\2X2ANO-1.SAV  
 the default error term in MANOVA has been changed from WITHIN CRTLS to WITHIN+RESIDUAL. Note that these are the same for all full factorial designs.  
 \*\*\*\*\* Analysis of Variance \*\*\*\*\*

12 cases accepted.  
 0 cases rejected because of out-of-range factor values.  
 0 cases rejected because of missing data.  
 4 non-empty cells.  
 3 designs will be processed.

\*\*\*\*\* Analysis of Variance -- design 1 \*\*\*\*\*

Tests of Significance for HealthATT using UNIQUE sums of squares

	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	6.00	8	.75		
GENDER	18.75	1	18.75	25.00	.001
AGEGROUP	14.08	1	14.08	18.78	.003
GENDER * AGEGROUP	10.08	1	10.08	13.44	.006
(Model)	42.92	3	14.31	19.07	.001
(Total)	48.92	11	4.45		

R-Squared = .877  
 Adjusted R-Squared = .831

\*\*\*\*\* Analysis of Variance -- design 2 \*\*\*\*\*

Tests of Significance for HealthATT using UNIQUE sums of squares

	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	6.00	8	.75		
GENDER	18.75	1	18.75	25.00	.001
AGEGROUP	14.08	1	14.08	18.78	.003
GENDER * AGEGROUP	10.08	1	10.08	13.44	.006
(Model)	42.92	3	14.31	19.07	.001
(Total)	48.92	11	4.45		

R-Squared = .877  
 Adjusted R-Squared = .831

\*\*\*\*\* Analysis of Variance -- design 2 \*\*\*\*\*

60 cases accepted.  
 0 cases rejected because of out-of-range factor values.  
 0 cases rejected because of missing data.

\*\*\*\*\* Analysis of Variance \*\*\*\*\*

The default error term in MANOVA has been changed from WITHIN CELLS to WITHIN+RESIDUAL. Note that these are the same for all full factorial designs.

[DataSet13] C:\Users\William mareich\Desktop\CGU-prep\HAYS-2X3.sav

Resources	Elapsed Time	Processor Time
Syntax		
Weight Handling		
Cases Used		
Missing Value Definition of Missing		
N of Rows in Working Data File	60	
Split File	<none>	
Weight	<none>	
Filter	<none>	
Active Dataset	DataSet13	
Data	C:\Users\William mareich\Desktop\CGU-prep\HAYS-2X3.sav	
Input		
Comments		
Output Created	14-OCT-2008 12:26:04	

Notes

### Manova

manova Aspir\_DV by Norms (1,2) Standing (1,3)  
 /design standing, norms w standing(1) norms w standing(2) norms w standing(3)  
 /design norms, standing w norms(1) standing w norms(2).

Tests of Significance for HealthAIT using UNIQUE sums of squares

Source of Variation	SS	DF	MS	F	Sig	of F
WITHIN+RESIDUAL	6.00	8	.75			
AGEGROUP	14.08	1	14.08	18.78	.003	
GENDER W AGEGROUP (1)	28.17	1	28.17	37.56	.000	
GENDER W AGEGROUP (2)	.67	1	.67	.89	.373	
(Model)	42.92	3	14.31	19.07	.001	
(Total)	48.92	11	4.45			

R-Squared = .877  
 Adjusted R-Squared = .831

\*\*\*\*\* Analysis of Variance --- design 3 \*\*\*\*\*

Source of Variation	SS	DF	MS	F	Sig	of F
AGEGROUP	18.75	1	18.75	25.00	.001	
GENDER W GENDER (1)	.17	1	.17	.22	.650	
GENDER W GENDER (2)	24.00	1	24.00	32.00	.000	
(Model)	42.92	3	14.31	19.07	.001	
(Total)	48.92	11	4.45			

R-Squared = .877  
 Adjusted R-Squared = .831

*Handwritten marks and scribbles at the bottom of the page.*

\*\*\*\*\* Analysis of Variance -- design 3 \*\*\*\*\*

Tests of Significance for Aspire DV using UNIQUR sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	643.20	54	11.91		
NORMS	4.27	1	4.27	.36	.552
STANDING W NORMS(1)	413.87	2	2056.93	172.69	.000
STANDING W NORMS(2)	1690.40	2	845.20	70.96	.000
(Model)	5808.53	5	1161.71	97.53	.000
(Total)	6451.73	59	109.35		

R-Squared = .900  
Adjusted R-Squared = .891

\*\*\*\*\* Analysis of Variance -- design 2 \*\*\*\*\*

Tests of Significance for Aspire DV using UNIQUR sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN+RESIDUAL	643.20	54	11.91		
STANDING	4994.13	2	2497.07	209.64	.000
NORMS W STANDING(1)	460.80	1	460.80	38.69	.000
NORMS W STANDING(2)	288.80	1	288.80	24.25	.000
NORMS W STANDING(3)	64.80	1	64.80	5.44	.023
(Model)	5808.53	5	1161.71	97.53	.000
(Total)	6451.73	59	109.35		

R-Squared = .900  
Adjusted R-Squared = .891

\*\*\*\*\* Analysis of Variance -- design 1 \*\*\*\*\*

Tests of Significance for Aspire DV using UNIQUR sums of squares

Source of Variation	SS	DF	MS	F	Sig of F
WITHIN CELLS	643.20	54	11.91		
NORMS	4.27	1	4.27	.36	.552
Standing	4994.13	2	2497.07	209.64	.000
Norms By Standing	810.13	2	405.07	34.01	.000
(Model)	5808.53	5	1161.71	97.53	.000
(Total)	6451.73	59	109.35		

R-Squared = .900  
Adjusted R-Squared = .891

3 designs will be processed.

6 non-empty cells.

*Handwritten signature and scribbles*

65

```
ods listing;
ods html close;
ods graphics off;
```

```
data test;
input subno norms standing dv_asp;
datalines;
```

```
1.00 1.00 1.00 52.00
2.00 1.00 1.00 48.00
3.00 1.00 1.00 43.00
54.00 2.00 3.00 26.00
...
58.00 2.00 3.00 19.00
59.00 2.00 3.00 22.00
60.00 2.00 3.00 17.00
```

```
proc glm;
run;
title 'Analysis of Aspiration Data using PROC GLM';
classes norms standing;
model dv_asp=norms standing norms*standing;
lsmeans norms standing norms*standing / slice=standing;
means standing/tukey alpha=.05;
```

```
proc glm;
run;
title 'Analysis of Aspiration Data using PROC GLM';
classes norms standing;
model dv_asp=norms standing norms*standing;
lsmeans norms standing norms*standing / slice=norms;
means standing/tukey alpha=.10;
```

Analysis of Aspiration Data using PROC GLM  
 11:49 Tuesday, September 24, 2019  
 5

The GLM Procedure

Dependent Variable: dv\_asp

Source	Sum of Squares	DF	Mean Square	F Value	Pr > F
Model	5808.53333	5	1161.70667	97.53	<.0001
Error	643.20000	54	11.91111		
Corrected Total	6451.73333	59			
R-Square	0.900306				
Coeff Var	10.87578				
Root MSE	3.451248				
dv_asp Mean	31.73333				
Source	Type III SS	DF	Mean Square	F Value	Pr > F
norms	4.26667	1	4.26667	0.36	0.5520
standing	4994.13333	2	2497.06667	209.64	<.0001
norms*standing	810.13333	2	405.06667	34.01	<.0001



Source	DF	Type III SS	Mean Square	F Value	Pr > F
norms	1	4.26667	4.26667	0.36	0.5520
standing	2	4994.13333	2497.06667	209.64	<.0001
norms*standing	2	810.13333	405.06667	34.01	<.0001

Analysis of Aspiration Data using PROC GLM  
 6 11:49 Tuesday, September 24, 2019

The GLM Procedure  
 Least Squares Means

dv\_asp norms

standing 1 4.26667

LSMEAN 2 4994.13333

32.000000

The GLM Procedure  
 Least Squares Means

dv\_asp norms

standing 1 41.6000000

LSMEAN 2 34.0000000

19.6000000

Analysis of Aspiration Data using PROC GLM  
 7 11:49 Tuesday, September 24, 2019

The GLM Procedure  
 Least Squares Means

dv\_asp norms

standing 1 46.4000000

LSMEAN 2 30.2000000

17.8000000

Analysis of Aspiration Data using PROC GLM  
 8 11:49 Tuesday, September 24, 2019

The GLM Procedure  
 Least Squares Means

dv\_asp norms

standing 1 36.8000000

LSMEAN 2 37.8000000

21.4000000

Analysis of Aspiration Data using PROC GLM  
 9 11:49 Tuesday, September 24, 2019

The GLM Procedure  
 Least Squares Means

norms\*standing Effect Sliced by standing for dv\_asp

standing	DF	Squares	Mean Square	F Value	Pr > F
1	1	460.800000	460.800000	38.69	<.0001
2	1	288.800000	288.800000	24.25	<.0001
3	1	64.800000	64.800000	5.44	0.0234

Analysis of Aspiration Data using PROC GLM  
 10 11:49 Tuesday, September 24, 2019

The GLM Procedure

Tukey's Studentized Range (HSD) Test for dv\_asp

NOTE: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha 0.05

Error Degrees of Freedom 54

Error Mean Square 11.91111

Critical Value of Studentized Range 3.40816

Minimum Significant Difference 2.6302

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	standing
A	41.600	20	1
B	34.000	20	2
C	19.600	20	3

# Run 2 (Edited)

12 Analysis of Aspiration Data using PROC GLM  
11:49 Tuesday, September 24, 2019

The GLM Procedure

Dependent Variable: dv\_asp

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
Model	5	5808.533333	1161.706667	97.53	<.0001
Error	54	643.200000	11.911111		
Corrected Total	59	6451.733333			

R-Square 0.900306  
Coef Var 10.87578  
Root MSE 3.451248  
dv\_asp Mean 31.73333

Source	DF	Type I SS	Mean Square	F Value	Pr > F
norms	1	4.266667	4.266667	0.36	0.5520
standing	2	4994.133333	2497.066667	209.64	<.0001
norms*standing	2	810.133333	405.066667	34.01	<.0001

Source	DF	Sum of Squares	Mean Square	F Value	Pr > F
norms	1	4113.866667	2056.933333	172.69	<.0001
standing	2	1690.400000	845.200000	70.96	<.0001

norms\*standing Effect Sliced by norms for dv\_asp

The GLM Procedure  
Least Squares Means

16 Analysis of Aspiration Data using PROC GLM  
11:49 Tuesday, September 24, 2019

CS

565

The GLM Procedure

Tukey's Studentized Range (HSD) Test for dv\_asp

NOTE: This test controls the Type I experimentwise error rate, but it generally has a higher Type II error rate than REGWQ.

Alpha 0.1  
Error Degrees of Freedom 54  
Error Mean Square 11.91111  
Critical Value of Studentized Range 2.96528  
Minimum Significant Difference 2.2884

Means with the same letter are not significantly different.

Tukey Grouping	Mean	N	standing
A	41.600	20	1
B	34.000	20	2
C	19.600	20	3

### Univariate Analysis of Variance

Notes

```

ANNOVA
  item8 BY item1 item107 item14
  /METHOD = SSTYP(3)
  /INTRCEPT = INCLUDE
  /PRINT = DESCRIPTIVE HOMOGENEITY
  /CRITERIA = ALPHA(.05)
  /DESIGN = item1 item107 item14 item107*item14
  item1*item107*item14
  
```

Output Created	Comments	Data	Active Dataset	Filter	Weight	Split File	N of Rows in Working Data File	Missing Value	Handling	Cases Used	Weight Handling	Syntax	Resources
16-OCT-2008 08:51:12		C:\Users\William	marlich\Desktop\CGLU-prep\kimmydata.sav	DataSet21	<none>	<none>	<none>	291	User-defined missing values are treated as missing.	Statistics are based on all cases with valid data for all variables in the model.	UNANOVA item8 BY item1 item107 item14 /METHOD = SSTYP(3) /INTRCEPT = INCLUDE /PRINT = DESCRIPTIVE HOMOGENEITY /CRITERIA = ALPHA(.05) /DESIGN = item1 item107 item14 item107*item14 item1*item107*item14 .	Elapsed Time 0:00:00.03	

[DataSet21] C:\Users\William marlich\Desktop\CGLU-prep\kimmydata.sav

### Between-Subjects Factors

Value Label	N
Item1 tested for HIV?	80
Yes	208
No	106
Item107 gender	106
male	182
female	93
Item14 Ever had a 1-night stand?	195
Yes	93
No	195

70

UNIANOVA  
 item8 BY item107 item14  
 METHOD = SSTYPE(1)

a. R Squared = .484 (Adjusted R Squared = .471)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	82.993 <sup>a</sup>	7	11.856	37.508	.000
Intercept	1416.754	1	1416.754	4482.044	.000
item1	13.670	1	13.670	43.247	.000
item107	.912	1	.912	2.884	.091
item14	52.627	1	52.627	166.491	.000
item1 * item107	.205	1	.205	.647	.422
item1 * item14	5.606	1	5.606	17.737	.000
item107 * item14	1.567	1	1.567	4.957	.027
item1 * item107 * item14	.254	1	.254	.804	.371
Error	88.507	280	.316		
Total	1912.000	288			
Corrected Total	171.500	287			

Dependent Variable: item8 What is total # of lifetime sex partners?

Tests of Between-Subjects Effects

a. Design: Intercept+item1+item107+item14+item1 \* item107+item1 \* item14+item107 \* item14+item1 \* item107 \* item14  
 Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

F	df1	df2	Sig.
17.874	7	280	.000

Dependent Variable: item8 What is total # of lifetime sex partners?

Levene's Test of Equality of Error Variances<sup>a</sup>

item1 tested for HIV?	item107 gender	item14 Ever had a 1-night stand?	Mean	Std. Deviation	N
1.00 Yes	1.00 male	1.00 Yes	3.8824	.99262	17
	2.00 No	1.00 No	2.2500	.62158	12
2.00 female	1.00 Yes	1.00 Yes	3.4286	.81064	21
	2.00 No	1.00 No	2.3000	.46609	30
1.00 male	1.00 Yes	1.00 Yes	2.7647	.89877	51
	2.00 No	1.00 No	2.2857	.50778	42
2.00 female	1.00 Yes	1.00 Yes	2.6957	.70290	23
	2.00 No	1.00 No	2.1019	.33320	108
1.00 male	1.00 Yes	1.00 Yes	2.8000	.80277	55
	2.00 No	1.00 No	2.0915	.31118	153
2.00 female	1.00 Yes	1.00 Yes	2.2788	.58080	208
	2.00 No	1.00 No	2.1053	.36274	57
1.00 male	1.00 Yes	1.00 Yes	3.2245	1.02602	49
	2.00 No	1.00 No	2.1053	.36274	57
2.00 female	1.00 Yes	1.00 Yes	3.0455	.83400	44
	2.00 No	1.00 No	2.1449	.37340	138
1.00 male	1.00 Yes	1.00 Yes	3.1398	.93937	93
	2.00 No	1.00 No	2.1333	.36982	195
2.00 female	1.00 Yes	1.00 Yes	2.4583	.77302	288
	2.00 No	1.00 No	2.1333	.36982	195

Dependent Variable: item8 What is total # of lifetime sex partners?

Descriptive Statistics

Handwritten signature or initials.

INTERCEPT = INCLUDE  
 /PRINT = DESCRIPTIVE HOMOGENEITY  
 /CRITERIA = ALPHA(.05)  
 /DESIGN = item1 item107 item14 item1 item107 item14  
 item1 item107 item14

### Univariate Analysis of Variance

Notes

Output Created	18-OCT-2008 08:51:12
Comments	
Input	Data
Active Dataset	C:\Users\William marelich\Desktop\CGU-prep\kimmydata.sav
Filter	<none>
Weight	<none>
Split File	<none>
N of Rows in Working Data File	291
Missing Value	Definition of Missing
Handling	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.
Weight Handling	
Syntax	UNANOVA items BY item1 item107 item14 /METHOD = SSTYPE(1) /INTERCEPT = INCLUDE /PRINT = DESCRIPTIVE HOMOGENEITY /CRITERIA = ALPHA(.05) /DESIGN = item1 item107 item14 item1 item107 item14 item1 item107 item14
Resources	Elapsed Time Processor Time 0:00:00.04 0:00:00.08

[DataSet21] C:\Users\William marelich\Desktop\CGU-prep\kimmydata.sav

### Between-Subjects Factors

Value Label	N
item1 tested for	1.00
Yes	80
No	208
item107 gender	1.00
male	106
female	182
item14 Ever had	1.00
Yes	93
No	195

a. R Squared = .484 (Adjusted R Squared = .471)

Source	Type III Sum of Squares	df	Mean Square	F	Sig.
Corrected Model	82.993 <sup>a</sup>	7	11.856	37.508	.000
Intercept	1740.500	1	1740.500	5506.246	.000
Item1	24.123	1	24.123	76.316	.000
Item107	4.679	1	4.679	14.803	.000
Item14	46.596	1	46.596	147.410	.000
Item1 * Item107	1.246	1	1.246	3.941	.048
Item1 * Item14	4.779	1	4.779	15.118	.000
Item107 * Item14	1.317	1	1.317	4.166	.042
Item1 * Item107 * Item14	.254	1	.254	.804	.371
Error	88.507	280			
Total	1912.000	288			
Corrected Total	171.500	287			

Dependent Variable: Item8 What is total # of lifetime sex partners?

Tests of Between-Subjects Effects

a. Design: Intercept+Item1+Item107+Item14+Item1 \* Item107+Item1 \* Item14+Item1 \* Item107 \* Item14

Tests the null hypothesis that the error variance of the dependent variable is equal across groups.

F	df1	df2	Sig.
17.874	7	280	.000

Dependent Variable: Item8 What is total # of lifetime sex partners?

Levene's Test of Equality of Error Variances<sup>a</sup>

Item1 tested for HIV?	Item107 gender	Item14 Ever had a 1-night stand?	Mean	Std. Deviation	N
1.00 Yes	1.00 male	1.00 Yes	3.824	.99262	17
	2.00 No	2.00 No	2.250	.62158	12
2.00 female	1.00 Yes	3.428	.81064	21	
	2.00 No	2.300	.46609	30	
1.00 male	1.00 Yes	2.647	.83877	51	
	2.00 No	3.6316	.91300	38	
2.00 female	1.00 Yes	2.2857	.50778	42	
	2.00 No	2.850	.99078	80	
1.00 male	1.00 Yes	2.8750	.87067	32	
	2.00 No	2.0667	.25226	45	
2.00 female	1.00 Yes	2.6957	.70290	23	
	2.00 No	2.1019	.33320	108	
1.00 Yes	1.00 Yes	2.8000	.80277	55	
	2.00 No	2.0915	.31118	153	
1.00 male	1.00 Yes	3.2245	1.02602	49	
	2.00 No	2.1053	.36274	108	
2.00 female	1.00 Yes	3.0455	.83400	44	
	2.00 No	2.1449	.37340	138	
1.00 Yes	1.00 Yes	2.3626	.64827	182	
	2.00 No	2.1333	.36982	195	
Total	1.00 Yes	3.1398	.93937	93	
	2.00 No	2.4583	.77302	288	

Dependent Variable: Item8 What is total # of lifetime sex partners?

Descriptive Statistics

93 73