Adriana Cisneros
EDG 500

Descriptives

Reported Pain Level

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Low Dosage	3	7.0000	1.00000	.57735	4.5159	9.4841	6.00	8.00
Moderate Dosage	3	5.6667	2.08167	1.20185	.4955	10.8378	4.00	8.00
High Dosage	3	2.0000	1.00000	.57735	-.4841	4.4841	1.00	3.00
Total	9	4.8889	2.57121	.85707	2.9125	6.8653	1.00	8.00

ANOVA

Reported Pain Level

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	40.222	2	20.111	9.526	.014
Within Groups	12.667	6	2.111		
Total	52.889	8			

Figure 15.7. SPSS Statistics output for a one-way ANOVA.

Multiple Comparisons

Dependent Variable: Reported Pain Level
Tukey HSD

(I) Dosage Level	(J) Dosage Level	Mean Difference (I-J)	Std. Error	Sig.	95% Confidence Interval	
					Lower Bound	Upper Bound
Low Dosage	Moderate Dosage	1.33333	1.18634	.535	-2.3067	4.9734
	High Dosage	5.00000*	1.18634	.013	1.3600	8.6400
Moderate Dosage	Low Dosage	-1.33333	1.18634	.535	-4.9734	2.3067
	High Dosage	3.66667*	1.18634	.049	.0266	7.3067
High Dosage	Low Dosage	-5.00000*	1.18634	.013	-8.6400	-1.3600
	Moderate Dosage	-3.66667*	1.18634	.049	-7.3067	-.0266

*. The mean difference is significant at the 0.05 level.

Reported Pain Level

Tukey HSD[a]

Dosage Level	N	Subset for alpha = 0.05	
		1	2
High Dosage	3	2.0000	
Moderate Dosage	3		5.6667
Low Dosage	3		7.0000
Sig.		1.000	.535

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 3.000.

Hours of Internet Usage (Weekly)

| | | | Std. | Std. | 95% Confidence Interval for Mean | | Minimum | Maximum |
	N	Mean	Deviation	Error	Lower Bound	Upper Bound		
Low SES	4	10.0000	1.82574	.91287	7.0948	12.9052	8.00	12.00
Middle SES	4	12.2500	1.70783	.85391	9.5325	14.9675	10.00	14.00
High SES	4	12.0000	2.16025	1.08012	8.5626	15.4374	10.00	15.00
Total	12	11.4167	2.02073	.58333	10.1328	12.7006	8.00	15.00

ANOVA

Hours of Internet Usage (Weekly)

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	12.167	2	6.083	1.672	.241
Within Groups	32.750	9	3.639		
Total	44.917	11			

Figure 15.2. SPSS Statistics output for a one-way ANOVA hours of internet usage based on Socioeconomic Status.

Multiple Comparisons

Dependent Variable: Hours of Internet Usage (Weekly)

Tukey HSD

| (I) Socioeconomic Status | (J) Socioeconomic Status | Mean Difference (I-J) | Std. Error | Sig. | 95% Confidence Interval | |
					Lower Bound	Upper Bound
Low SES	Middle SES	-2.25000	1.34887	.269	-6.0160	1.5160
	High SES	-2.00000	1.34887	.343	-5.7660	1.7660
Middle SES	Low SES	2.25000	1.34887	.269	-1.5160	6.0160
	High SES	.25000	1.34887	.981	-3.5160	4.0160
High SES	Low SES	2.00000	1.34887	.343	-1.7660	5.7660
	Middle SES	-.25000	1.34887	.981	-4.0160	3.5160

Hours of Internet Usage (Weekly)

Tukey HSD[a]

Socioeconomic Status	N	Subset for alpha = 0.05
		1
Low SES	4	10.0000
High SES	4	12.0000
Middle SES	4	12.2500
Sig.		.269

Means for groups in homogeneous subsets are displayed.

a. Uses Harmonic Mean Sample Size = 4.000.

a. The mean for the low-SES group is 10.00.

b. The mean for the middle-SES group is 12.25.

c. The mean for the high-SES group is 12.00.

d. The value of F is 1.672.

e. The value of the associated probability is .241.

f. The differences between the means for the SES groups are not statistically significant at the .05 level.

g. Hours of Internet Usage were reported based on Socioeconomic Status. For the low-socioeconomic status group, the mean reported 10.00 (sd = 1.825). The mean hours of internet usage weekly for the middle-socioeconomic and high-socioeconomic groups were 12.25 (sd = 1.707) and 12.00 (sd = 1.080), respectively. The differences among the means are not statistically significant at the .05 level (F [2,9] = 1.672, p = .241).