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EDG 500
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Chapter 15

Descriptives

Reported Pain Level

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					Lower Bound	Upper Bound		
Low Dose	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 one-way ANOVA.

Chapter Exercise

Descriptives

Hours of Internet Usage (weekly)

	N	Mean	Std. Deviation	Std. Error	95% Confidence Interval for Mean		Minimum	Maximum
					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 15.8. SPSS statistic output Hours of internet usage (weekly) for one- way ANOVA.

    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 = 1.672.
e. The associated probability is .241.
f. The difference among the means for SES groups is not statistically significant at .05 level.
g. The hours of internet usage were reported on a scale on which the lower score indicated less internet usage. For the high-SES group, the mean reported hours of internet level was 12.00 (sd = 2.16). The mean for middle SES group and low SES group was 12.25 (sd = 1.70 and 10.00 (*sd = 1.82)*, respectively, the difference among the means for SES group is not statically significant at .05 level (F [2, 9] = 1.672, *p* = .2410).