

Broderick Higby

SPSS Assignment (for Unit 4B)

Descriptives			Statistic	Std. Error
Attitude Toward Tobacco	Mean		5.3000	.54338
	95% Confidence Interval for Mean	Lower Bound	4.1627	
		Upper Bound	6.4373	
	5% Trimmed Mean		5.3333	
	Median		5.5000	
	Variance		5.905	
	Std. Deviation		2.43007	
	Minimum		1.00	
	Maximum		9.00	
	Range		8.00	
	Interquartile Range		4.50	
	Skewness		-.340	.512
	Kurtosis		-.885	.992
	Mean		20.5000	3.42014
Number of Cigarettes Smoked	95% Confidence Interval for Mean	Lower Bound	13.3416	
		Upper Bound	27.6584	
	5% Trimmed Mean		18.8889	
	Median		15.5000	
	Variance		233.947	
	Std. Deviation		15.29534	
	Minimum		8.00	
	Maximum		62.00	
	Range		54.00	
	Interquartile Range		10.25	
	Skewness		1.860	.512
	Kurtosis		2.574	.992

Descriptives

				Statistic	Std. Error
Hours Using Internet	Mean			5.7500	2.08109
	95% Confidence Interval for Mean	Lower Bound		1.3942	
		Upper Bound		10.1058	
	5% Trimmed Mean			4.5556	
	Median			2.5000	
	Variance			86.618	
	Std. Deviation			9.30690	
	Minimum			.00	
	Maximum			33.00	
	Range			33.00	
	Interquartile Range			3.00	
	Skewness			2.206	.512
	Kurtosis			3.823	.992
	Mean			5.4000	.48341
Attitude Towards Internet	95% Confidence Interval for Mean	Lower Bound		4.3882	
		Upper Bound		6.4118	
	5% Trimmed Mean			5.3889	
	Median			5.5000	
	Variance			4.674	
	Std. Deviation			2.16187	
	Minimum			1.00	
	Maximum			10.00	
	Range			9.00	
	Interquartile Range			3.00	
	Skewness			.151	.512
	Kurtosis			.193	.992

4.

- a. What is the mean for "Hours Using Internet"? 5.7500
- b. What is the median for "Hours Using Internet"? 2.5000
- c. Would you report the mean, the median or both the mean and median in a research report for "Hours Using Internet"? I would present both the median and the mean, because there are three results that skew the figure
- d. Write a statement that presents one or both of the averages for "Hours Using Internet":
The distribution of "Hours Using Internet" is highly skewed with only 3 of the 20 students reporting that they used the internet 22 hours or more. The median number of hours was

approximately 2.5 ($Mdn = 15.50$). Because the distribution is highly skewed to the right, the mean ($M = 5.75$) is substantially higher than the median.

- e. What is the mean for "Attitude Toward Internet"? 5.4000
- f. What is the median for "Attitude Toward Internet"? 5.500
- g. Would you report the mean, the median or both the mean and median in a research report for "Attitude Toward Internet"? I would report the mean, because the distribution is not highly skewed.
- h. Write a statement that presents one or both of the averages for "Attitude Toward Internet": "Attitude Toward Internet" for 20 students who self-reported their attitude with possible scores from 1-10. The mean score was 5.40.

Written Report About Pain and Dosage

On a scale from 1 (*no pain*) to 10 (*extreme pain*), the group that received the high-dosage reported less pain ($m = 2.00$, $sd = 1.00$, $n = 3$) than the moderate-dosage group ($m = 5.67$, $sd = 2.08$, $n = 3$) and the low-dosage group ($m = 7.00$, $sd = 1.00$, $n = 3$).

Report

Reported Pain Level

Dosage Level	Mean	N	Std. Deviation
Low Dosage	7.0000	3	1.00000
Moderate Dosage	5.6667	3	2.08167
High Dosage	2.0000	3	1.00000
Total	4.8889	9	2.57121

Written Report About Social Economic Status and Dollars in Savings

On a scale from 1 (*no savings*) to 100,000 (*large savings*), the group that had a high-socioeconomic level reported more dollars in their savings account ($m = 14750.00$, $sd = 10812.80$, $n = 4$) than the medium-socioeconomic level group ($m = 13250.00$, $sd = 4716.99$, $n = 4$) and the low-socioeconomic level group ($m = 3500.00$, $sd = 2380.48$, $n = 4$).

Report

Dollars in Savings Accounts

Socioeconomic Level (SES)	Mean	N	Std. Deviation
Low	3500.0000	4	2380.47614
Medium	13250.0000	4	4716.99057
High	14750.0000	4	10812.80106
Total	10500.0000	12	8163.10992