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SPSS Chapter 7

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Reported Pain Level * Dosage Level	9	100.0%	0	0.0%	9	100.0%

Report

Reported Pain Level

Dosage Level	Mean	N	Std. Deviation
Low Dose	7.0000	3	1.00000
Moderate Dosage	6.0000	2	2.82843
High Dosage	2.7500	4	1.70783
Total	4.8889	9	2.57121

Figure 7.10. Means and standards deviations (unformatted SPSS Output).

Table 7.2
Means and Standard Deviations of Pain Scores for Three Dosage Levels

Dosage Level	Mean	Standard Deviation
High (*n= 3*)	2.00	1.00
Moderate (*n= 3*)	5.67	2.08
Low (*n= 3*)	7.00	1.00

Exercise for Chapter 7

Report

Dollars in Savings Acoounts

Socioeconomic Level	Mean	N	Std. Deviation
Low	3500.0000	4	2380.47614
Medium	13250.0000	4	4716.99057
High	14750.0000	4	10812.8011
Total	10500.0000	12	8163.10992

Figure 7.11. Means and standard Deviations of Socioeconomic Level and Dollars in Savings Accounts for 12 Participants

On a scale from 1000 (Lowest Dollars in Savings Account) to 30000 (Highest Dollar in Savings Account), the group that belong to Low Socioeconomic Level reported less saving (*m=3500, sd=2380.48, n= 4)* than the Medium socioeconomic level (*m=13250, sd=4716.00, n=4*) and the High socioeconomic level (*m=14750, sd=10812.80, n=4).*

Note. Dollars in Savings measured in a score of Lowest (1000) to Highest (30000). The higher the score, more savings.

Table 7.4. Means and Standards deviations of Dollars in Savings for three Socioeconomic Levels

Socioeconomic Levels	Mean	Standard Deviation
High (*n= 4*)	14750.00	10812.80
Medium (*n= 4*)	13250.00	4716.99
Low (*n= 4*)	3500.00	2380.47

SPSS Chapter 8

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Math	7	4.00	16.00	10.0000	4.32049
Reading	7	24.00	36.00	30.0000	4.32049
Valid N (listwise)	7				

Figures 8.6. Output for correct number of scores in Math and Reading.

Math	Reading	ZMath	ZReading
4.00	24.00	-1.38873	-1.38873
6.00	26.00	-.92582	-.92582
8.00	28.00	-.46291	-.46291
10.00	30.00	.00000	.00000
12.00	32.00	.46291	.46291
14.00	34.00	.92582	.92582
16.00	36.00	1.38873	1.38873

Figure 8.7. The Z-scores for **Math** and the Z scores for **Reading** reveled after the output screen in step 13 has been closed.

SPSS exercise chapter 8

Descriptive Statistics

	N	Minimum	Maximum	Mean	Std. Deviation
Esteem	9	15.00	30.00	20.6667	5.59017
Optimism	9	10.00	19.00	14.0000	3.00000
Valid N (listwise)	9				

Figure 8.8. Output showing the mean and standard deviation for Self-Esteem and Optimism.

Esteem	Optimism	ZEsteem	ZOptimism
30.00	17.00	1.66960	1.00000
27.00	19.00	1.13294	1.66667
25.00	15.00	.77517	.33333
22.00	14.00	.23851	.00000
19.00	16.00	-.29814	.66667
17.00	10.00	-.65591	-1.33333
16.00	12.00	-.83480	-.66667
15.00	11.00	-1.01368	-1.00000
15.00	12.00	-1.01368	-.66667

Figure 8.9. The Z-scores for **Self-Esteem** and **Optimism** revealed after the output screen been closed.

1. What is the z-score on optimism for participant 3?

o It is .33333

2. Which participant is exactly at the mean? On optimism? What is the z-score for this participant?

o Participant #4 with the z-score of 0.00000 which indicates the participant is exactly average (at the mean).

3. How many participants have negative z-scores on Self-Esteem?

o There are 5 participants with negative z-scores on Self-Esteem

4. On Self-Esteem, which participant is furthest from the mean? And what is his or her z-score?

o Participant #8 the z-score was -1.01368 which means participant is about one standard deviation below the mean