Anthony Espinoza SPSS Chapter 7

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 ($m = 5.67$, $sd = 2.8$, $n = 3$) and the low-dosage group ($m = 7.00$, $sd = 1.00$, $n = 3$).

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 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

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

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

Note. Pain measured on a scale from 0 (*no pain*) to 10 (*extreme pain*). The higher the score the more pain.

The High Socioeconomic Level group had more money in their savings accounts ($m = \$14,750$, $sd = \$10,812.80$, $n = 4$) than the Medium Socioeconomic Group ($m = \$13,250$, $sd = \$4,716.90$, $n = 4$) and the Low Socioeconomic Group ($m = \$3,500$, $sd = \$2,380.50$, $n = 4$).

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Dollars in Savings Account * Socio Economic Level	12	100.0%	0	0.0%	12	100.0%

Report

Dollars in Savings Account

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

Table 7.3
Means and Standard Deviations of Number of Dollars in Savings Account for Three Socioeconomic Levels

Socioeconomic Level	Mean	Standard Deviation
High (*n*=4)	14,750	10,812.80
Medium (*n*=4)	13,250	4,716.90
Low (*n*=4)	3,500	2,380.50

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				

	Math	Reading	ZMath	ZReading
1	4.00	24.00	-1.38873	-1.38873
2	6.00	26.00	-0.92582	-0.92582
3	8.00	28.00	-0.46291	-0.46291
4	10.00	30.00	0.00000	0.00000
5	12.00	32.00	0.46291	0.46291
6	14.00	34.00	0.92582	0.92582
7	16.00	36.00	1.38873	1.38873

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				

	Self-Esteem	Optimism	ZEsteem	ZOptimism
1	30.00	17.00	1.66960	1.00000
2	27.00	19.00	1.13294	1.66667
3	25.00	15.00	0.77517	0.33333
4	22.00	14.00	0.23851	0.00000
5	19.00	16.00	-0.29814	0.66667
6	17.00	10.00	-0.65591	-1.33333
7	16.00	12.00	-0.83480	-0.66667
8	15.00	11.00	-1.01368	-1.00000
9	15.00	12.00	-1.01368	-0.66667

1) The z- score on Optimism for participant 3 is .33333
2) Participant 4 is exactly at the mean with 14.00 and a z-score of 0.0.
3) Five participants have negative z-scores'
4) Participant 1 is furthest from the mean with a z- score of 1.67

Please note: SPSS kept showing a message that read "illegal character" when I tried putting the name "self esteem" on the variable view.
I named it "esteem" instead. I tried not capitalizing, I added dashes, I tried it with out spaces, with spaces etc. Not sure why it kept doing that.