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EDG500: Educational Research and Statistics

SPSS Chapters 7 and 8

Chapter 7

Case Processing Summary

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

Report

Reproted Pain

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

Case Processing Summary

	Cases					
	Included		Excluded		Total	
	N	Percent	N	Percent	N	Percent
Dollars in Savings Accounts * Socioeconomic Level	12	100.0%	0	0.0%	12	100.0%

Report

Dollars in Savings Accounts

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

On a scale from \$1000.00 to \$30,000.00, the group with the Low SES reported the lowest Dollars in Savings Accounts ($m = \$3,500.00$, $sd = 2380.48$, $n = 4$) than the Medium SES ($m = \$13,250.00$, $sd = 4716.99$, $n = 4$) and the High SES Group ($m = \$14,750.00$, $sd = 10,812.80$, $n = 4$)

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	-.92582	-.92582
3	8.00	28.00	-.46291	-.46291
4	10.00	30.00	.00000	.00000
5	12.00	32.00	.46291	.46291
6	14.00	34.00	.92582	.92582
7	16.00	36.00	1.38873	1.38873

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				

	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	.77517	.33333
4	22.00	14.00	.23851	.00000
5	19.00	16.00	-.29814	.66667
6	17.00	10.00	-.65591	-1.33333
7	16.00	12.00	-.83480	-.66667
8	15.00	11.00	-1.01368	-1.00000
9	15.00	12.00	-1.01368	-.66667

1. The z-score on Optimism for Participant 3 is 0.33
2. Participant 4 is exactly the at the mean for Optimism. The z-score for this participant is 0.00.
3. Five participants have negative z-scores on Self-Esteem.
4. Participant 1 is the furthest from the mean, with a score of 1.67.