Means

Chapter 7

Notes

Output Created		17-FEB-2020 23:53:07
Comments		
Input	Data	C:\Users\tatiana\Documents\ Dosage and Pain.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	9
Missing Value Handling	Definition of Missing	For each dependent variable in a table, user-defined missing values for the dependent and all grouping variables are treated as missing.
	Cases Used	Cases used for each table have no missing values in any independent variable, and not all dependent variables have missing values.
Syntax		MEANS TABLES=Pain BY Dosage /CELLS=MEAN COUNT STDDEV.
Resources	Processor Time	00:00:00.05
	Elapsed Time	00:00:00.06

[DataSet1] C:\Users\tatiana\Documents\Dosage and Pain.sav

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

Exercise for Chapter 7

Means

Case Processing Summary

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

Report

Dollars in Savings Accounts

Socioecomic Level	Mean	N	Std. Deviation
1.00	3500.0000	4	2380.47614
2.00	13250.0000	4	4716.99057
3.00	14750.0000	4	10812.80106
Total	10500.0000	12	8163.10992

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				

Exercise for 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				

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

1.What is the z-score on Optimism for Participant 3? .33333

2. Which participant is exactly at mean (i.e. exactly average) on Optimism? What is the z-score for this Participant? Participant 1 is exactly at the mean. The z-score 1.00000

3.How many participants have negative z-score on Self -Esteem? There are 5 participants with a negative z-score.

4. On Self-Esteem, which participant is furthest from the mean? What is his or her z-score? The z-score is .23851

 Participant 4 is the furthest form the mean.