

1. Generate descriptive statistics for all the variables

Descriptives for Age and Medication

Notes		
Output Created		25-OCT-2024 02:25:33
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
Missing Value Handling	Definition of Missing	User defined missing values are treated as missing.
	Cases Used	All non-missing data are used.
Syntax		DESCRIPTIVES VARIABLES=AGE MEDICATION /STATISTICS=MEAN STDDEV VARIANCE MIN MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.05

Descriptive Statistics						
	N	Minimum	Maximum	Mean	Std. Deviation	Variance
AGE	10	19	61	36.10	12.106	146.544
MEDICATION	10	9	19	14.00	3.559	12.667
Valid N (listwise)	10					

Frequencies For Language, Marital Status, and Smokers

Notes		
Output Created		25-OCT-2024 02:26:20
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics are based on all cases with valid data.
Syntax		FREQUENCIES VARIABLES=LANGUAGE MARITALSTATUS SMOKER /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.02

LANGUAGE					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	ENGLISH	2	20.0	20.0	20.0
	FRENCH	2	20.0	20.0	40.0
	GERMAN	3	30.0	30.0	70.0
	SPANISH	1	10.0	10.0	80.0
	SWAHILI	2	20.0	20.0	100.0
	Total	10	100.0	100.0	

MARITAL STATUS				
		Frequency	Percent	Cumulative Percent

Valid	DIVORCED	2	20.0	20.0	20.0
	MARRIED	3	30.0	30.0	50.0
	SEPERATED	1	10.0	10.0	60.0
	SINGLE	4	40.0	40.0	100.0
	Total	10	100.0	100.0	

SMOKER					
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	NO	6	60.0	60.0	60.0
	YES	4	40.0	40.0	100.0
	Total	10	100.0	100.0	

## 2. How many married people are smokers?

Notes		
Output Created		25-OCT-2024 03:00:37
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
Missing Value Handling	Definition of Missing	User-defined missing values are treated as missing.
	Cases Used	Statistics for each table are based on all the cases with valid data in the specified range(s) for all variables in each table.

Syntax		CROSSTABS
		/TABLES=MARITALSTATUS BY SMOKER /FORMAT=AVALUE TABLES /CELLS=COUNT /COUNT ROUND CELL.
Resources	Processor Time	00:00:00.02
	Elapsed Time	00:00:00.09
	Dimensions Requested	2
	Cells Available	524245

**MARITAL STATUS \* SMOKER Crosstabulation**

Count		SMOKER		Total
		NO	YES	
MARITAL STATUS	DIVORCED	0	2	2
	MARRIED	2	1	3
	SEPERATED	1	0	1
	SINGLE	3	1	4
Total		6	4	10

**3. What is the average age for French Speakers?**

Notes		
Output Created		25-OCT-2024 03:08:57
Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>

N of Rows in Working Data File		10
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=AGE BY LANGUAGE /CELLS=MEAN COUNT STDDEV MEDIAN.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.03

**Report**

AGE				
LANGUAGE	Mean	N	Std. Deviation	Median
ENGLISH	25.50	2	9.192	25.50
FRENCH	37.00	2	11.314	37.00
GERMAN	39.33	3	20.207	36.00
SPANISH	39.00	1	.	39.00
SWAHILI	39.50	2	.707	39.50
Total	36.10	10	12.106	37.50

**4. What is the maximum amount of medication for single people?**

**Notes**

Output Created	25-OCT-2024 03:11:02
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Comments		
Input	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	10
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=MEDICATION BY MARITALSTATUS /CELLS=MEAN COUNT MAX.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

### Report

#### MEDICATION

MARITAL STATUS	Mean	N	Maximum
DIVORCED	14.50	2	19
MARRIED	16.67	3	18
SEPERATED	12.00	1	12
SINGLE	12.25	4	16
Total	14.00	10	19