

به نام خدا

کارگاه آموزش مقدماتی نرم افزار SPSS

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تاریخ : ۱۹ اردیبهشت ماه ۱۴۰۲

اهداف:

الف) آموزش نحوه ورود داده ها و تعریف متغیرها در نرم افزار

ب) آموزش محاسبه میانگین ، میانه ، مد و ... (امار توصیفی) برای متغیر های مختلف کمی و کیفی.

```

FREQUENCIES VARIABLES=health
  /NTILES=4
  /STATISTICS=STDDEV MEAN MODE
  /PIECHART FREQ
  /ORDER=ANALYSIS.

```

Frequencies

		Notes
Output Created		10-MAY-2023 10:50:46
Comments		
Input	Data	C:\Program Files\IBM\SPSS\Statistics\26\Samples\English\pain_medication.sav
	Active Dataset	DataSet2
	File Label	Pain Medication Trials
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	200
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=health /NTILES=4 /STATISTICS=STDDEV MEAN MODE /PIECHART FREQ /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.45

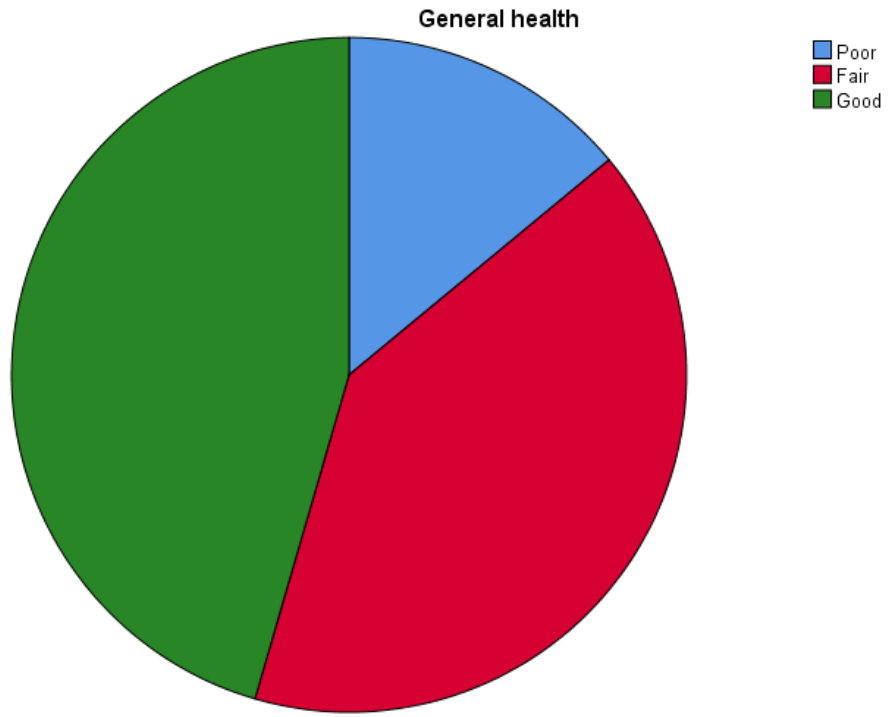
Statistics

General health

N	Valid	200
	Missing	0
Mean		2.32
Mode		3
Std. Deviation		.706
Percentiles	25	2.00
	50	2.00
	75	3.00

General health

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Poor	28	14.0	14.0	14.0
	Fair	81	40.5	40.5	54.5
	Good	91	45.5	45.5	100.0
	Total	200	100.0	100.0	



```
DESCRIPTIVES VARIABLES=age  
/STATISTICS=MEAN STDDEV VARIANCE MIN MAX SEMEAN.
```

Descriptives

Notes

Output Created		10-MAY-2023 10:51:08
Comments		
Input	Data	C:\Program Files\IBM\SPSS\Statistics\26\Samples\English\pain_medication.sav
	Active Dataset	DataSet2
	File Label	Pain Medication Trials
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	200
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 /STATISTICS=MEAN STDDEV VARIANCE MIN MAX SEMEAN.
Resources	Processor Time	00:00:00.00
	Elapsed Time	00:00:00.01

Descriptive Statistics

	N	Minimum	Maximum	Mean		Std. Deviation	Variance
	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Statistic
Age in years	200	30	78	55.15	.734	10.384	107.837
Valid N (listwise)	200						

```

FREQUENCIES VARIABLES=dosage
  /STATISTICS=MODE
  /BARCHART FREQ
  /ORDER=ANALYSIS.

```

Frequencies

Notes

Output Created		10-MAY-2023 10:51:41
Comments		
Input	Data	C:\Program Files\IBM\SPSS\Statistics\26\Samples\English\pain_medication.sav
	Active Dataset	DataSet2
	File Label	Pain Medication Trials
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	200
	Missing Value Handling	Definition of Missing
	Cases Used	Statistics are based on all cases with valid data.

Syntax		FREQUENCIES VARIABLES=dosage /STATISTICS=MODE /BARCHART FREQ /ORDER=ANALYSIS.
Resources	Processor Time	00:00:00.36
	Elapsed Time	00:00:00.21

Statistics

Dosage

N	Valid	200
	Missing	0
Mode		0

		Dosage			Cumulative
		Frequency	Percent	Valid Percent	Percent
Valid	Low	112	56.0	56.0	56.0
	High	88	44.0	44.0	100.0
	Total	200	100.0	100.0	

