```
DESCRIPTIVES VARIABLES=X Y
  /STATISTICS=MEAN SUM STDDEV MIN MAX KURTOSIS SKEWNESS.
```

Descriptives

Notes

	Output Created	12-svi-2013 13:58:13
	Comments	
Input	Data	P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPSS-01\01-XY.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11
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=X Y /STATISTICS=MEAN SUM STDDEV MIN MAX KURTOSIS SKEWNESS.
Resources	Processor Time	0:00:00.015
	Elapsed Time	0:00:00.005

[DataSet1] P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPSS-01\01-XY.sav

Descriptive Statistics

	N	Minimum	Maximum	Sum	Mean	Std. Deviation
	Statistic	Statistic	Statistic	Statistic	Statistic	Statistic
X	11	4,00	14,00	99,00	9,0000	3,31662
Y	11	4,26	10,84	82,51	7,5009	2,03157
Valid N (listwise)	11					

Descriptive Statistics

	Skewness		Kurtosis	
	Statistic	Std. Error	Statistic	Std. Error
X	,000	,661	-1,200	1,279
Y	-,065	,661	-,535	1,279

```
* Chart Builder.
GGRAPH
  /GRAPHDATASET NAME="graphdataset" VARIABLES=X MEAN(Y)[name="Y"] MISSING=LIS
TWISE REPORTMISSING=NO
```

```
  /GRAPHSPEC SOURCE=INLINE.
BEGIN GPL
  SOURCE: s=userSource(id("graphdataset"))
  DATA: X=col(source(s), name("X"))
  DATA: MEAN_Y=col(source(s), name("Y"))
  GUIDE: axis(dim(1), label("X"))
  GUIDE: axis(dim(2), label("Mean Y"))
  ELEMENT: point(position(X*MEAN_Y))
END GPL.
```

GGraph

Notes

	Output Created	12-svi-2013 13:54:37
	Comments	
Input	Data	P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPSS-01\01-XY.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11

	Syntax	GGRAPH
		  /GRAPHDATASET NAME="graphdataset" VARIABLES=X MEAN(Y)[name="Y"] MISSING=LISTWISE REPORTMISSING=NO
		  /GRAPHSPEC SOURCE=INLINE.
		BEGIN GPL
		  SOURCE: s=userSource(id("graphdataset"))
		  DATA: X=col(source(s), name("X"))
		  DATA: MEAN_Y=col(source(s), name("Y"))
		  GUIDE: axis(dim(1), label("X"))
		  GUIDE: axis(dim(2), label("Mean Y"))
		  ELEMENT: point(position(X*MEAN_Y))
		END GPL.

Resources	Processor Time	0:00:00.281
	Elapsed Time	0:00:00.277

```
[DataSet1] P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPS
S-01\01-XY.sav
```
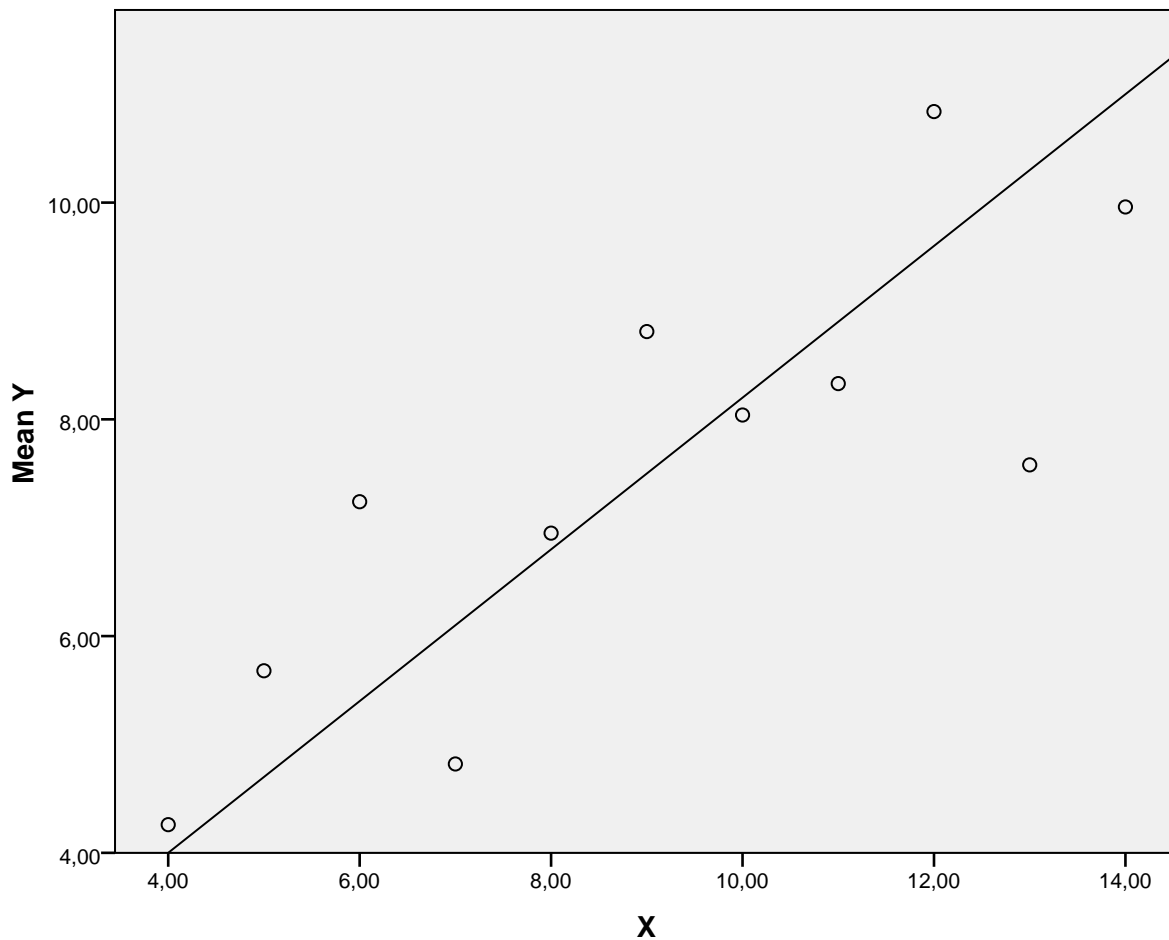
```
FREQUENCIES VARIABLES=X Y
  /STATISTICS=STDDEV VARIANCE RANGE MINIMUM MAXIMUM MEAN MEDIAN MODE SUM SKEW
NESS SESKEW KURTOSIS SEKURT
  /BARCHART FREQ
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created	12-svi-2013 13:56:32
Comments	

Notes

Input	Data	P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPSS-01\01-XY.sav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	11
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=X Y /STATISTICS=STDDEV VARIANCE RANGE MINIMUM MAXIMUM MEAN MEDIAN MODE SUM SKEWNESS SESKEW KURTOSIS SEKURT /BARCHART FREQ /ORDER=ANALYSIS.
Resources	Processor Time	0:00:00.515
	Elapsed Time	0:00:00.538

[DataSet1] P:\Personal Data\My Folders\Courses\PmfBl B PRPN 2012-13\Proba\SPSS-01\01-XY.sav

Statistics

		X	Y
N	Valid	11	11
	Missing	0	0
	Mean	9,0000	7,5009
	Median	9,0000	7,5800
	Mode	4,00[a]	4,26[a]
	Std. Deviation	3,31662	2,03157
	Variance	11,000	4,127
	Skewness	,000	-,065
	Std. Error of Skewness	,661	,661
	Kurtosis	-1,200	-,535
	Std. Error of Kurtosis	1,279	1,279
	Range	10,00	6,58
	Minimum	4,00	4,26
	Maximum	14,00	10,84
	Sum	99,00	82,51

a. Multiple modes exist. The smallest value is shown

REGRESSION

```
/MISSING LISTWISE
/STATISTICS COEFF OUTS CI(95) R ANOVA
/CRITERIA=PIN(.05) POUT(.10)
/NOORIGIN
/DEPENDENT Y
/METHOD=ENTER X.
```