```
DISPLAY DICTIONARY.
```

File Information

Notes

Output Created		04-OCT-2013 20:01:21
Comments		
Input	Data	C:\Documents and Settings\Administrador\Escritorio\data-files\created-with-spss\pspp-examples\REPAIRS\REPAIRS_ZSAV.zsav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
Syntax		DISPLAY DICTIONARY.
Resources	Processor Time	00:00:00,02
	Elapsed Time	00:00:00,02

```
[DataSet1] C:\Documents and Settings\Administrador\Escritorio\data-files\created-with-spss\pspp-examples\REPAIRS\REPAIRS_ZSAV.zsav
```

Variable Information

Variable	Position	Label	Measurement Level	Role	Column Width	Alignment
mtbf	1	Mean time between failures (months)	Scale	Input	8	Right
mttr	2	Mean time to repair (hours)	Scale	Input	8	Right
duty_cycle	3	Ratio of working to non-working time	Scale	Input	8	Right
factory	4	Manufacturing facility	Scale	Input	8	Right

Variable Information

Variable	Print Format	Write Format
mtbf	F8.2	F8.2
mttr	F8.1	F8.1
duty_cycle	F8.2	F8.2
factory	F8.2	F8.2

Variables in the working file

```
CODEBOOK  mtbf [s] mttr [s] duty_cycle [s] factory [s]
  /VARINFO POSITION LABEL TYPE FORMAT MEASURE ROLE VALUELABELS MISSING ATTRIBU
TES RESERVEDATTRIBUTES
  /FILEINFO NAME LOCATION CASECOUNT LABEL DOCUMENTS WEIGHT ATTRIBUTES RESERVED
ATTRIBUTES
  /OPTIONS VARORDER=VARLIST SORT=ASCENDING
  /STATISTICS COUNT PERCENT MEAN STDDEV QUARTILES.
```

Codebook

Notes

Output Created		04-OCT-2013 20:01:39
Comments		
Input	Data	C:\Documents and Settings\Administrador\Escritorio\data-files\created-with-spss\pspp-examples\REPAIRS\REPAIRS_ZSAV.zsav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	15
Syntax		CODEBOOK mtbf [s] mttr [s] duty_cycle [s] factory [s] /VARINFO POSITION LABEL TYPE FORMAT MEASURE ROLE VALUELABELS MISSING ATTRIBUTES RESERVEDATTRIBUTES /FILEINFO NAME LOCATION CASECOUNT LABEL DOCUMENTS WEIGHT ATTRIBUTES RESERVEDATTRIBUTES /OPTIONS VARORDER=VARLIST SORT=ASCENDING /STATISTICS COUNT PERCENT MEAN STDDEV QUARTILES.
Resources	Processor Time	00:00:00,05
	Elapsed Time	00:00:00,08

File Information

File Name		REPAIRS_ZSAV.zsav
Location		C:\Documents and Settings\Administrador\Escritorio\data-files\created-with-spss\pspp-examples\REPAIRS
Label		
Weight Variable		<none>
Number of Cases	Unweighted	15
	Weighted	15

mtbf

		Value
Standard Attributes	Position	1
	Label	Mean time between failures (months)
	Type	Numeric
	Format	F8.2
	Measurement	Scale
	Role	Input
N	Valid	15
	Missing	0
Central Tendency and Dispersion	Mean	8,3221
	Standard Deviation	6,26146
	Percentile 25	3,8377
	Percentile 50	8,1230
	Percentile 75	9,6689

mttr

		Value
Standard Attributes	Position	2
	Label	Mean time to repair (hours)
	Type	Numeric
	Format	F8.1
	Measurement	Scale
	Role	Input
N	Valid	15
	Missing	0
Central Tendency and Dispersion	Mean	36,377
	Standard Deviation	19,5830
	Percentile 25	19,192
	Percentile 50	35,116
	Percentile 75	41,689

duty_cycle

		Value
Standard Attributes	Position	3
	Label	Ratio of working to non-working time
	Type	Numeric
	Format	F8.2
	Measurement	Scale
	Role	Input
N	Valid	15
	Missing	0
Central Tendency and Dispersion	Mean	,6724
	Standard Deviation	,33751
	Percentile 25	,2577
	Percentile 50	,8756
	Percentile 75	,9786

factory

		Value
Standard Attributes	Position	4
	Label	Manufacturing facility
	Type	Numeric
	Format	F8.2
	Measurement	Scale
	Role	Input
N	Valid	15
	Missing	0
Central Tendency and Dispersion	Mean	,4667
	Standard Deviation	,51640
	Percentile 25	,0000
	Percentile 50	,0000
	Percentile 75	1,0000

```
FREQUENCIES VARIABLES=mtbf mttr duty_cycle factory
  /HISTOGRAM NORMAL
  /ORDER=ANALYSIS.
```

Frequencies

Notes

Output Created		04-OCT-2013 20:01:56
Comments		
Input	Data	C:\Documents and Settings\Administrador\Escritorio\data-files\created-with-spss\pspp-examples\REPAIRS\REPAIRS_ZSAV.zsav
	Active Dataset	DataSet1
	Filter	<none>
	Weight	<none>
	Split File	<none>
	N of Rows in Working Data File	15
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=mtbf mttr duty_cycle factory /HISTOGRAM NORMAL /ORDER=ANALYSIS.
Resources	Processor Time	00:00:11,02
	Elapsed Time	00:00:10,94

Statistics

		Mean time between failures (months)	Mean time to repair (hours)	Ratio of working to non-working time	Manufacturing facility
N	Valid	15	15	15	15
	Missing	0	0	0	0

Frequency Table

Mean time between failures (months)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	1,63	1	6,7	6,7	6,7
	2,59	1	6,7	6,7	13,3
	2,63	1	6,7	6,7	20,0
	3,84	1	6,7	6,7	26,7
	4,40	1	6,7	6,7	33,3
	5,44	1	6,7	6,7	40,0
	7,45	1	6,7	6,7	46,7
	8,12	1	6,7	6,7	53,3
	8,29	1	6,7	6,7	60,0
	8,30	1	6,7	6,7	66,7
	8,31	1	6,7	6,7	73,3
	9,67	1	6,7	6,7	80,0
	12,85	1	6,7	6,7	86,7
	14,84	1	6,7	6,7	93,3
	26,47	1	6,7	6,7	100,0
	Total	15	100,0	100,0	

Mean time to repair (hours)

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	14,1	1	6,7	6,7	6,7
	18,8	1	6,7	6,7	13,3
	19,1	1	6,7	6,7	20,0
	19,2	1	6,7	6,7	26,7
	23,8	1	6,7	6,7	33,3
	29,7	1	6,7	6,7	40,0
	35,1	1	6,7	6,7	46,7
	35,1	1	6,7	6,7	53,3
	35,3	1	6,7	6,7	60,0
	35,8	1	6,7	6,7	66,7
	36,3	1	6,7	6,7	73,3
	41,7	1	6,7	6,7	80,0
	50,2	1	6,7	6,7	86,7
	60,8	1	6,7	6,7	93,3
	90,6	1	6,7	6,7	100,0
	Total	15	100,0	100,0	

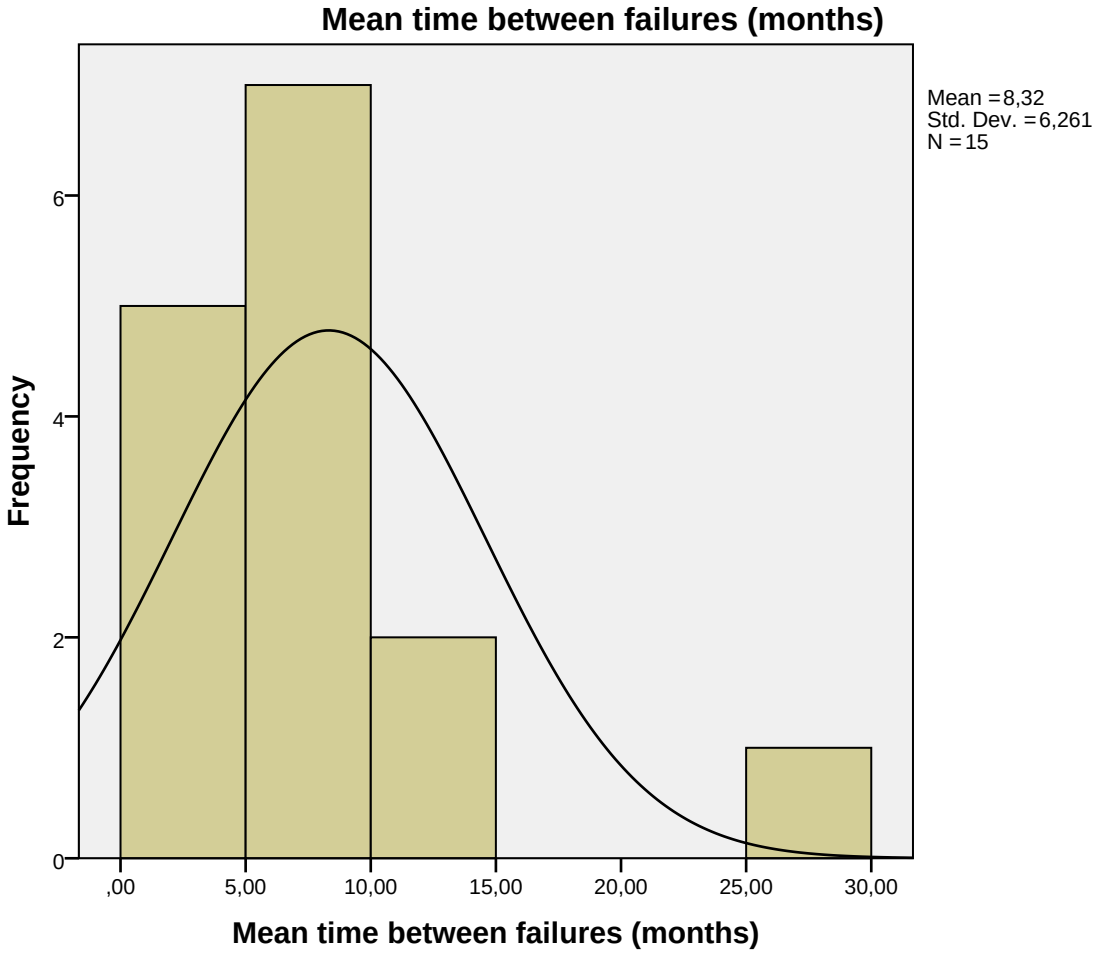
Ratio of working to non-working time

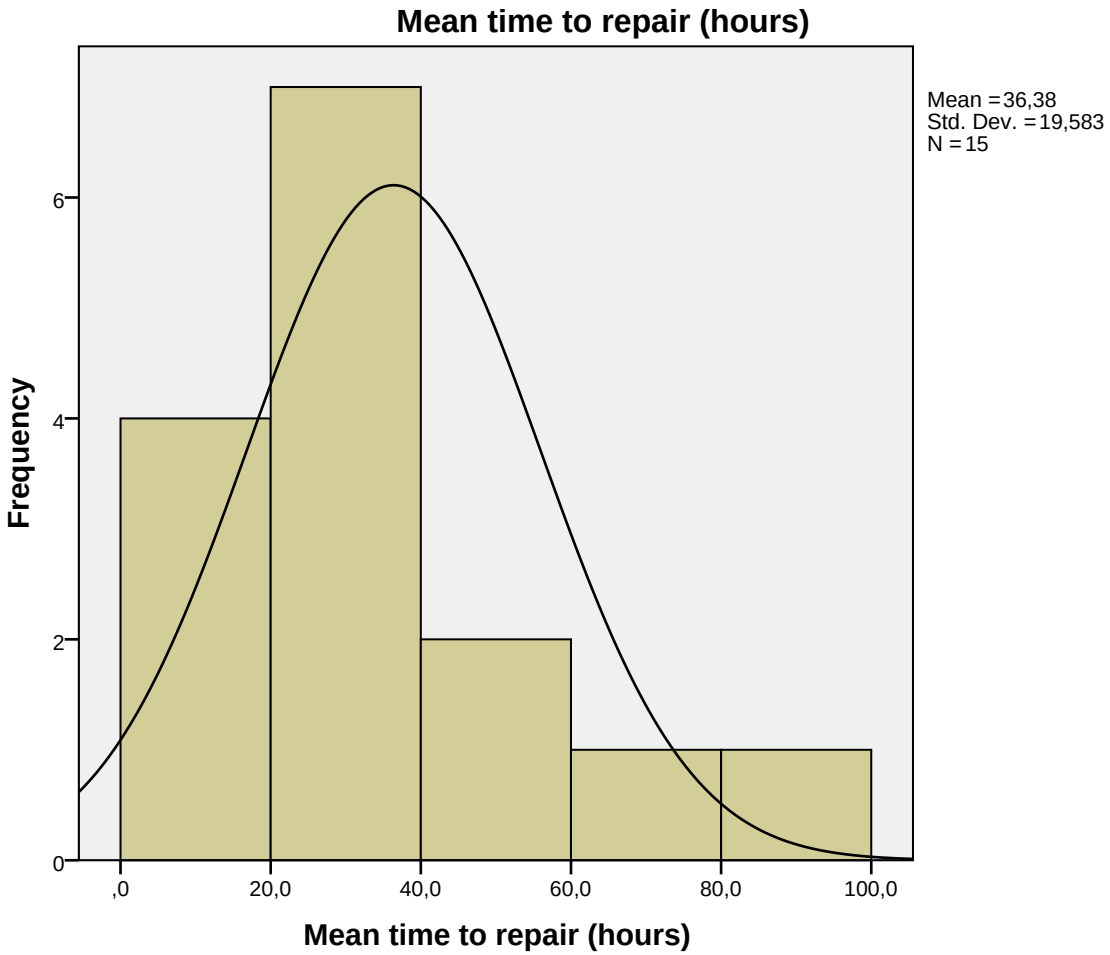
		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	,10	1	6,7	6,7	6,7
	,16	1	6,7	6,7	13,3
	,23	1	6,7	6,7	20,0
	,26	1	6,7	6,7	26,7
	,52	1	6,7	6,7	33,3
	,58	1	6,7	6,7	40,0
	,68	1	6,7	6,7	46,7
	,88	1	6,7	6,7	53,3
	,90	1	6,7	6,7	60,0
	,92	1	6,7	6,7	66,7
	,93	1	6,7	6,7	73,3
	,98	1	6,7	6,7	80,0
	,98	1	6,7	6,7	86,7
	,98	1	6,7	6,7	93,3
	,99	1	6,7	6,7	100,0
	Total	15	100,0	100,0	

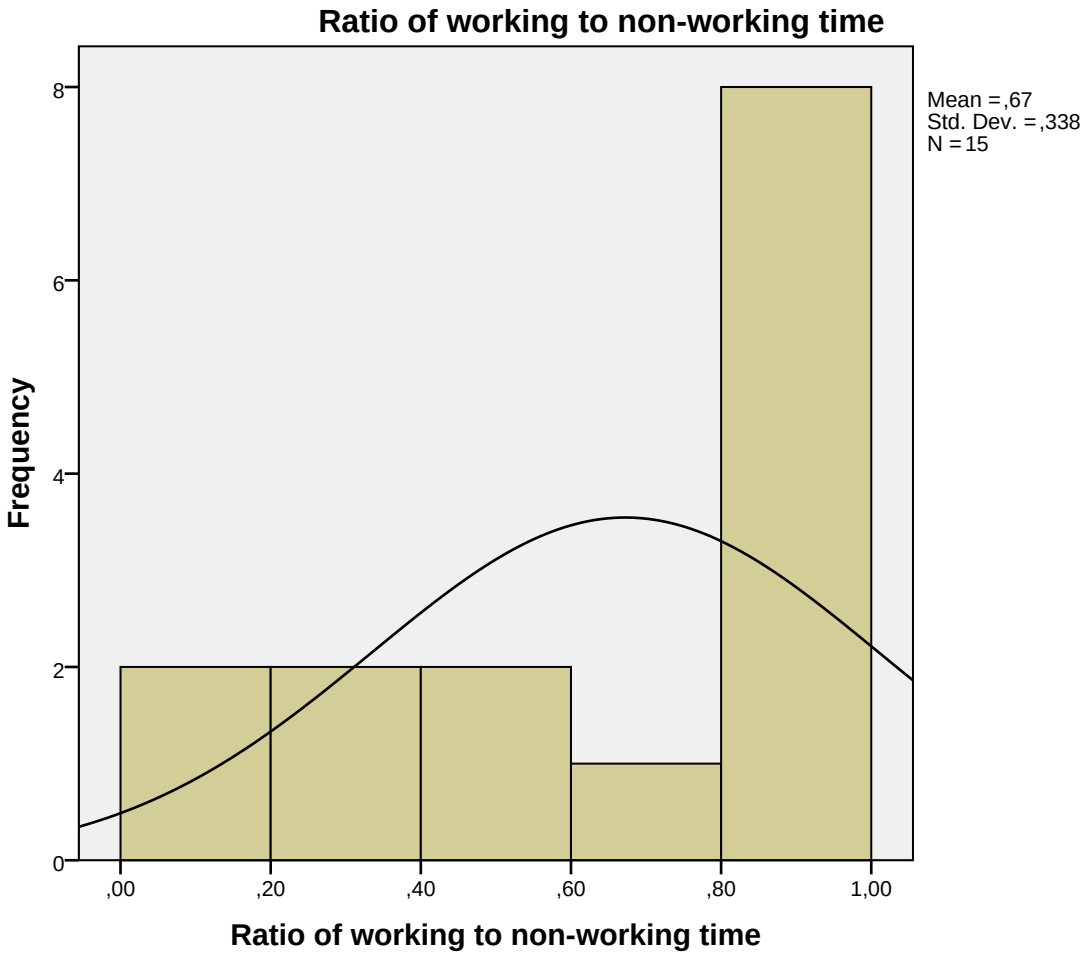
Manufacturing facility

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	,00	8	53,3	53,3	53,3
	1,00	7	46,7	46,7	100,0
	Total	15	100,0	100,0	

Histogram


Mean time between failures (months)
Mean =8,32
Std. Dev. =6,261
N =15
Frequency
6
4
2
0
,00
5,00
10,00
15,00
20,00
25,00
30,00
Mean time between failures (months)


Mean time to repair (hours)
Mean = 36,38
Std. Dev. = 19,583
N = 15
Frequency
0
2
4
6
,0
20,0
40,0
60,0
80,0
100,0
Mean time to repair (hours)


Ratio of working to non-working time
Mean =,67
Std. Dev. =,338
N = 15
Frequency
8
6
4
2
0
,00
,20
,40
,60
,80
1,00
Ratio of working to non-working time


Manufacturing facility
Mean =,47
Std. Dev. =,516
N = 15
Frequency
12
10
8
6
4
2
0
-,50
,00
,50
1,00
1,50
Manufacturing facility