

```

SAVE OUTFILE='/Users/phildixon/Dropbox/student data/test_data.sav'
/COMPRESSED.
BOOTSTRAP
/SAMPLING METHOD=SIMPLE
/VARIABLES TARGET=RedMax
/CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000
/MISSING USERMISSING=EXCLUDE.

```

## Bootstrap

### Notes

<b>Output Created</b>		<b>24-MAR-2015 14:52:10</b>
<b>Comments</b>		
<b>Input</b>	<b>Data</b>	<b>/Users/phildixon/Dropbox/student data/test_data.sav</b>
	<b>Active Dataset</b>	<b>DataSet0</b>
	<b>Filter</b>	<b>&lt;none&gt;</b>
	<b>Weight</b>	<b>&lt;none&gt;</b>
	<b>Split File</b>	<b>&lt;none&gt;</b>
	<b>N of Rows in Working Data File</b>	<b>27</b>
<b>Syntax</b>		<b>BOOTSTRAP /SAMPLING METHOD=SIMPLE /VARIABLES TARGET=RedMax /CRITERIA CILEVEL=95 CITYPE=PERCENTILE NSAMPLES=1000 /MISSING USERMISSING=EXCLUDE.</b>
<b>Resources</b>	<b>Processor Time</b>	<b>00:00:00.02</b>
	<b>Elapsed Time</b>	<b>00:00:00.00</b>

[DataSet0] /Users/phildixon/Dropbox/student data/test\_data.sav

### Bootstrap Specifications

<b>Sampling Method</b>	<b>Simple</b>
<b>Number of Samples</b>	<b>1000</b>
<b>Confidence Interval Level</b>	<b>95.0%</b>
<b>Confidence Interval Type</b>	<b>Percentile</b>

```

EXAMINE VARIABLES=RedMax
/PLOT BOXPLOT STEMLEAF
/COMPARE GROUPS
/STATISTICS DESCRIPTIVES
/CINTERVAL 95
/MISSING LISTWISE
/NOTOTAL.

```

## Explore

## Notes

<b>Output Created</b>		<b>24-MAR-2015 14:52:10</b>
<b>Comments</b>		
<b>Input</b>	<b>Data</b>	/Users/phildixon/Dropbox/student data/test_data.sav
	<b>Active Dataset</b>	DataSet0
	<b>Filter</b>	<none>
	<b>Weight</b>	<none>
	<b>Split File</b>	<none>
	<b>N of Rows in Working Data File</b>	17359
<b>Missing Value Handling</b>	<b>Definition of Missing</b>	User-defined missing values for dependent variables are treated as missing.
	<b>Cases Used</b>	Statistics are based on cases with no missing values for any dependent variable or factor used.
<b>Syntax</b>		EXAMINE VARIABLES=RedMax /PLOT BOXPLOT STEMLEAF /COMPARE GROUPS /STATISTICS DESCRIPTIVES /INTERVAL 95 /MISSING LISTWISE /NOTOTAL.
<b>Resources</b>	<b>Processor Time</b>	00:00:05.53
	<b>Elapsed Time</b>	00:00:05.00

[DataSet0] /Users/phildixon/Dropbox/student data/test\_data.sav

## Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
RedMax	27	100.0%	0	0.0%	27	100.0%

## Descriptives

			Statistic	Std. Error	Bootstrap <sup>a</sup>		
					Bias	Std. Error	95% Confidence Interval
							Lower      Upper
RedMax	Mean		12.2853	.62148	.0109	.5960	11.2187      13.4839
	95% Confidence Interval for Mean	Lower Bound	11.0078				
		Upper Bound	13.5628				
	5% Trimmed Mean		12.2110		.0303	.6421	11.0577      13.5259
	Median		12.2158		-.0822	.8223	10.9101      14.3867
	Variance		10.428		-.428	2.094	6.086      14.407
	Std. Deviation		3.22930		-.08467	.33470	2.46703      3.79565
	Minimum		7.48				
	Maximum		18.62				
	Range		11.14				
	Interquartile Range		5.42		-.25	1.28	2.60      7.47
	Skewness		.181	.448	-.016	.286	-.392      .741
	Kurtosis		-.895	.872	.091	.449	-1.474      .336

a. Unless otherwise noted, bootstrap results are based on 1000 bootstrap samples

## RedMax

RedMax Stem-and-Leaf Plot for  
\$bootstrap\_split= 0

Frequency	Stem &	Leaf
3.00	0 .	777
4.00	0 .	8889
5.00	1 .	00111
6.00	1 .	222223
6.00	1 .	445555
2.00	1 .	67
1.00	1 .	8

Stem width:      10.00  
Each leaf:          1 case(s)