

## EXAMINE

This command gives you a lengthy list of descriptive statistics, a stem & leaf plot, and a box plot for each variable on your list (here, nc and account). Notice in the output that the stem & leaf and box plots are more useful for continuous variables (e.g., nc) than for categorical variables (e.g., account).

```
examine nc account .
```

If some of the variables on your list have missing data, you should probably use a special subcommand to tell SPSS that you do not want to exclude data from all analyses if there is a missing value on any single variable (this is called listwise missing data), as follows:

```
examine nc account  
  /missing pairwise .
```

## Explore

### Total Sample

Case Processing Summary

	Cases					
	Valid		Missing		Total	
	N	Percent	N	Percent	N	Percent
Need for Cognition	106	100.0%	0	.0%	106	100.0%
Social accountability	106	100.0%	0	.0%	106	100.0%

### Descriptives

		Statistic	Std. Error	
Need for Cognition	Mean	3.67706	5.612E-02	
	95% Confidence Interval for Mean	Lower Bound	3.56578	
		Upper Bound	3.78833	
	5% Trimmed Mean	3.70003		
	Median	3.77778		
	Variance	.334		
	Std. Deviation	.57781		
	Minimum	1.500		
	Maximum	4.833		
	Range	3.333		
	Interquartile Range	.89542		
	Skewness	-.724	.235	
	Kurtosis	.809	.465	
Social accountability	Mean	.52	4.88E-02	
	95% Confidence Interval for Mean	Lower Bound	.42	
		Upper Bound	.62	
	5% Trimmed Mean	.52		
	Median	1.00		
	Variance	.252		
	Std. Deviation	.50		
	Minimum	0		
	Maximum	1		
	Range	1		
	Interquartile Range	1.00		
	Skewness	-.077	.235	
	Kurtosis	-2.033	.465	

## Need for Cognition

Need for Cognition Stem-and-Leaf Plot

```

Frequency      Stem & Leaf
1.00 Extremes      (= <1.5)
2.00          2 .  23
.00           2 .
1.00          2 .  6
7.00          2 .  8888899
14.00         3 .  000000001111111
8.00          3 .  22222233
10.00         3 .  445555555
11.00         3 .  66666777777
15.00         3 .  888888888899999
17.00         4 .  0000011111111111111
13.00         4 .  2222222223333
5.00          4 .  44455
1.00          4 .  6
1.00          4 .  8
    
```

Stem width: 1.000  
 Each leaf: 1 case(s)



## Social accountability

Social accountability Stem-and-Leaf Plot

Frequency	Stem &	Leaf
51.00	0 .	00000000000000000000000000000000
.00	1 .	
.00	2 .	
.00	3 .	
.00	4 .	
.00	5 .	
.00	6 .	
.00	7 .	
.00	8 .	
.00	9 .	
55.00	10 .	00000000000000000000000000000000

Stem width: 0  
 Each leaf: 2 case(s)

