SPSS: Stem-and-leaf plot

This document will explain how to generate a Stem-and-leaf plot using SPSS as shown below.

```
6.1 What grade would you give the course Business Statistics 2
(scale 0 Stem-and-Leaf Plot

 Frequency    Stem &  Leaf

     2,00        1 .  05
     3,00        2 .  005
     5,00        3 .  03556
     7,00        4 .  0000005
     3,00        5 .  000
     9,00        6 .  000355558
     9,00        7 .  000000558
     5,00        8 .  00005
     4,00        9 .  0088
     1,00       10 .  0

 Stem width:       10
 Each leaf:     1 case(s)
```

Figure 1. Example Stem-and-leaf plot generated with SPSS

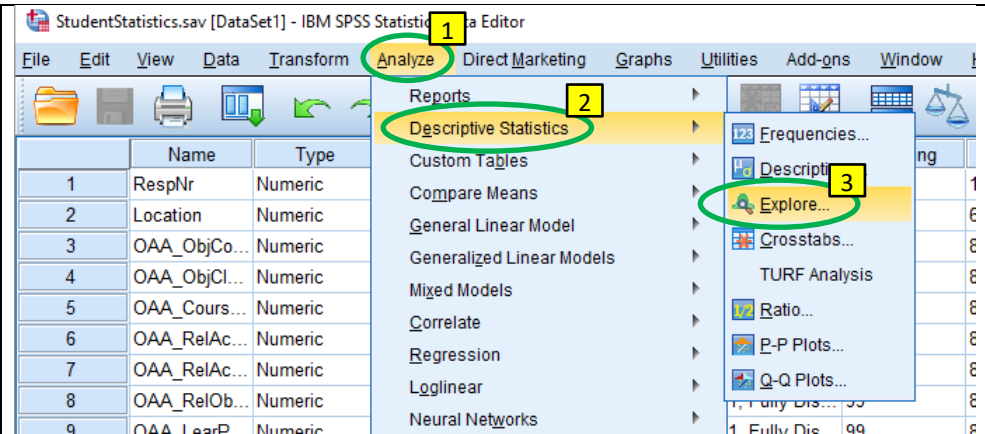The described steps are also shown in the Youtube video at: https://youtu.be/15ZMPnl4cF0

The example file used is *StudentStatistics.sav* available on the companion website http://PeterStatistics.com.

Stem-and-leaf plot

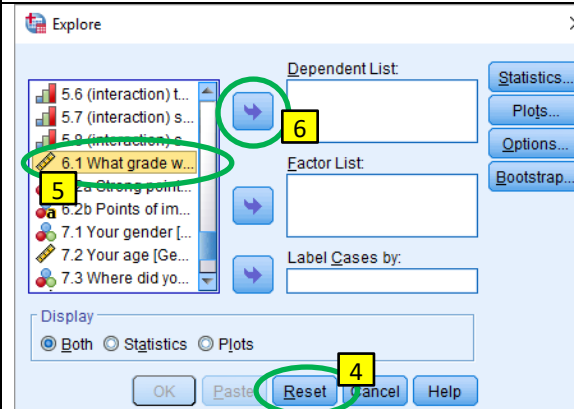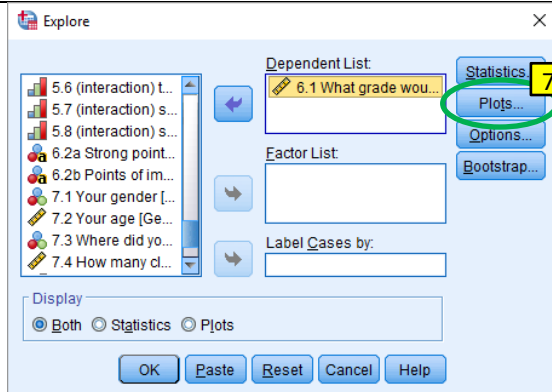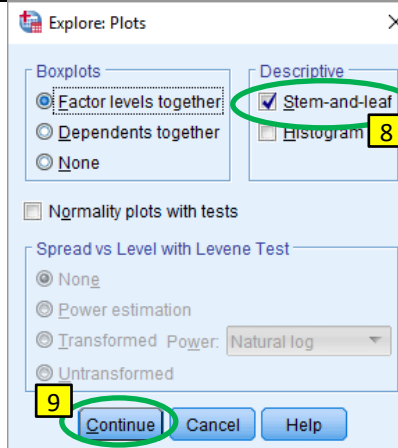|	
1. Click in the menubar on Analyze 2. Click on Descriptive Statistics ▶ 3. Click on 🔍 Explore...	
4. Click on Reset 5. Click on the scale variable of which you want a stem-and-leaf plot 6. Click on ➡ to move it to the *Dependent List*	

7. Click on Plots...

8. Check if the option ☑ Stem-and-leaf is ticked

9. Click on Continue

10. You can choose to only show Statistics, only Plots or Both. To see the Stem-and-Leaf plot choose either Both or Plots. If you choose Both, also some statistical measures will be shown.

11. Click on OK