

SPSS: Bar chart (via Chart builder)

This document will explain how to generate a bar chart using SPSS as shown below.

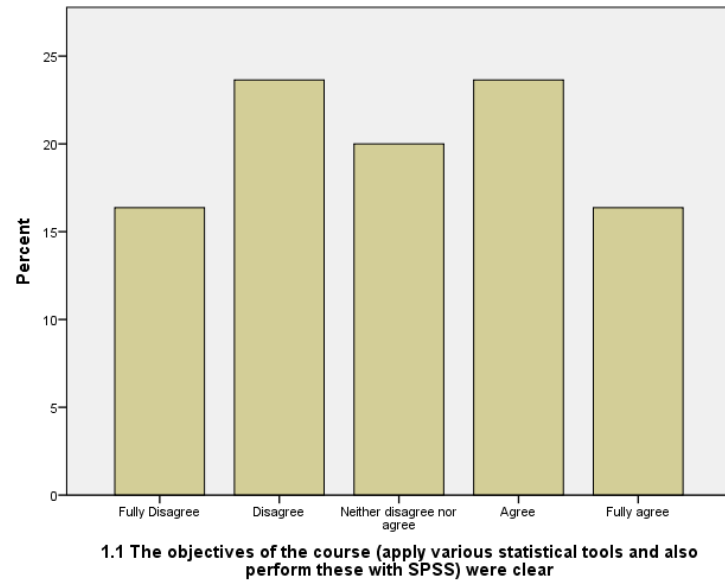
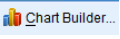


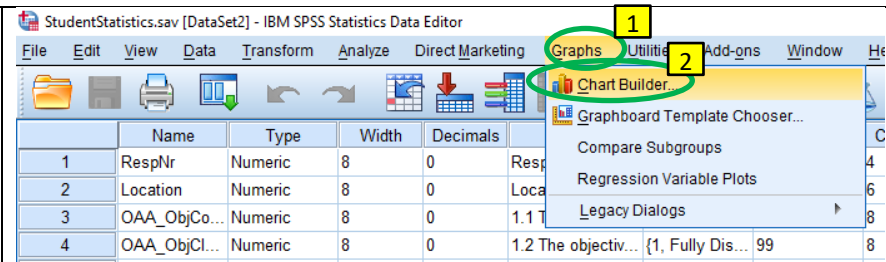
Figure 1. Example bar chart generated with SPSS

The described steps are also shown in the Youtube video at: <https://youtu.be/9qufGrbxI7M>.

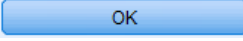
The example file used is *StudentStatistics.sav* available on the companion website <http://PeterStatistics.com>.


Bar chart

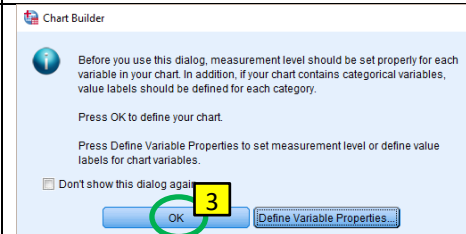
1. Click in the menubar on **Graphs**
2. Click on  Chart Builder...





You'll probably get a warning about measurement levels. If you have not set those correct in the Variable View, you might want to do so first.

3. Click on 


Optional: You can also tick the option  Don't show this dialog again, to prevent this message in the future.



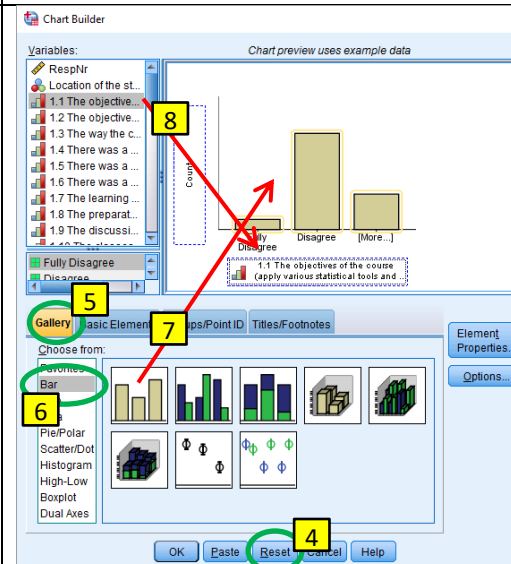
4. Click on 

5. Click on the tab 


6. Click on the category 'Bar'

7. **Drag** the 'Simple Bar'  to the preview area


8. **Drag** the variable of which you want the dot plot to *X-Axis?*




Optional: Follow the steps below if you want to show cumulative frequencies, percentages or cumulative percentages instead of absolute frequencies.

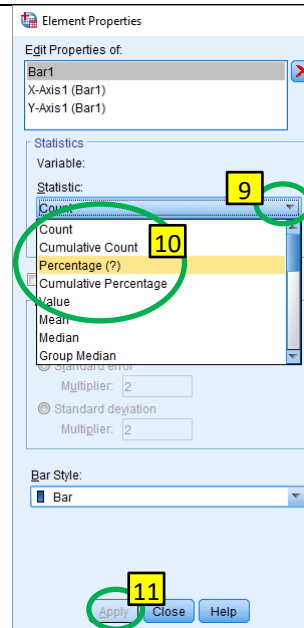
9. In the **Element Properties** screen, click on the pull down button at Statistic  (next to 'Count')

Note:

If you do not see the *Element Properties* screen, click on 

10. Click on *Cumulative Count* for cumulative frequencies, *Percentage(?)* for percentages, or *Cumulative Percentage* for cumulative relative frequencies.

11. Click on 



12. Click on 

