

SPSS: Ogive (scale) (via Chart builder)

This document will explain how to generate an Ogive from a scale variable using the Chart builder in SPSS as shown below.

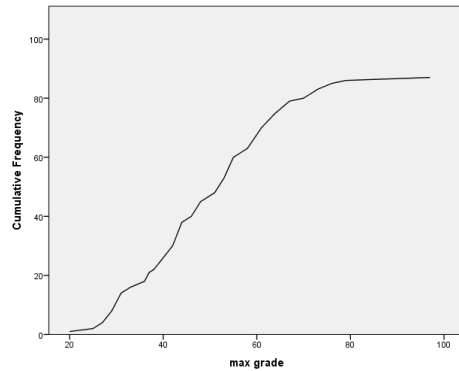


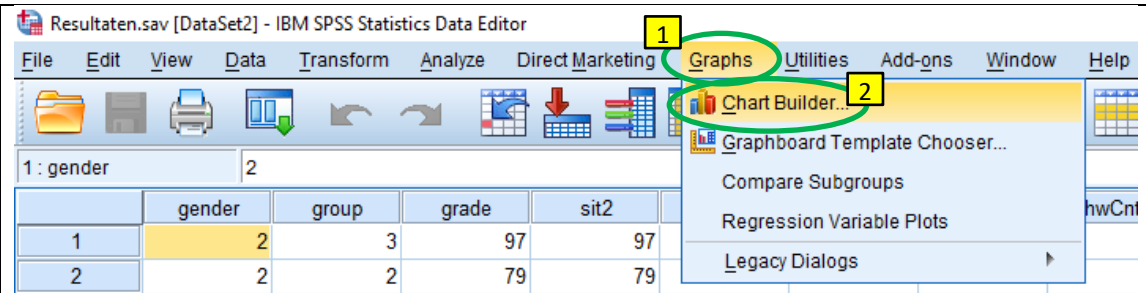
Figure 1. Example Ogive generated with SPSS

The described steps are also shown in the Youtube video at: <https://youtu.be/QIoTAqbBGE8>.

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

Ogive

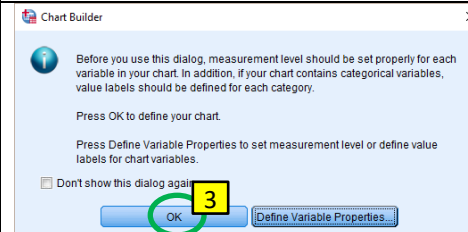
1. Click in the menubar on **Graphs**
2. Click on **Chart Builder...**




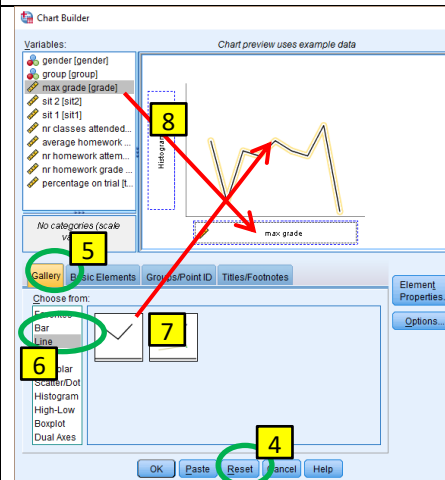
You'll probably get a warning about measurement levels. If you have not set those correct in the Variable View, you might want to do so first.

3. Click on **OK**

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



4. Click on **Reset**
5. Click on the tab **Gallery**
6. Click on the category 'Line'
7. **Drag** the 'Simple Line'  to the preview area
8. **Drag** the variable of which you want the Ogive to **X-Axis?**



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


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

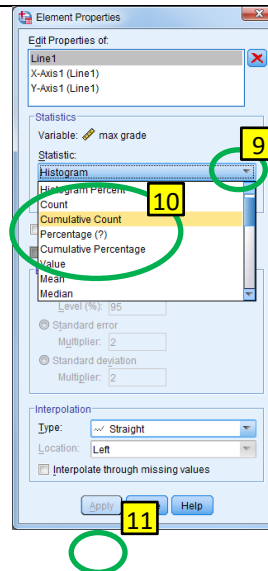
Note:

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



10. Click on *Cumulative Count*, or on *Cumulative Percentages*.

11. Click on 



12. Click on 