

SPSS: Frequency polygon (scale) (from a histogram)

This document will explain how to generate a Frequency polygon from a scale variable using SPSS from a histogram.

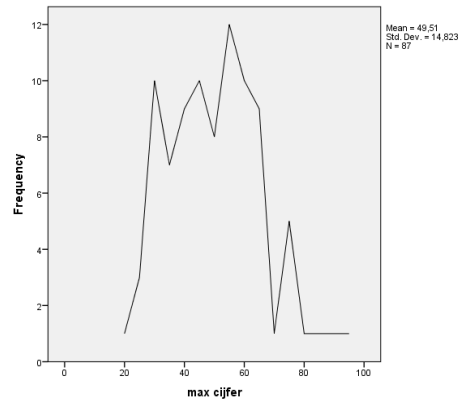
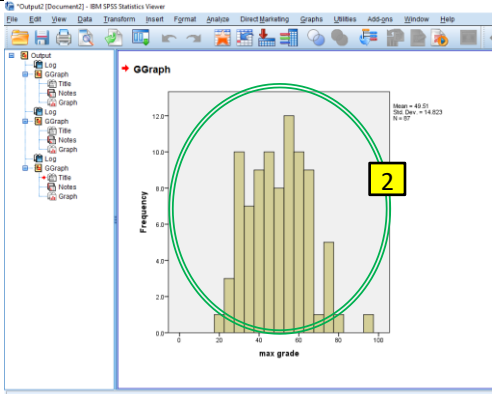

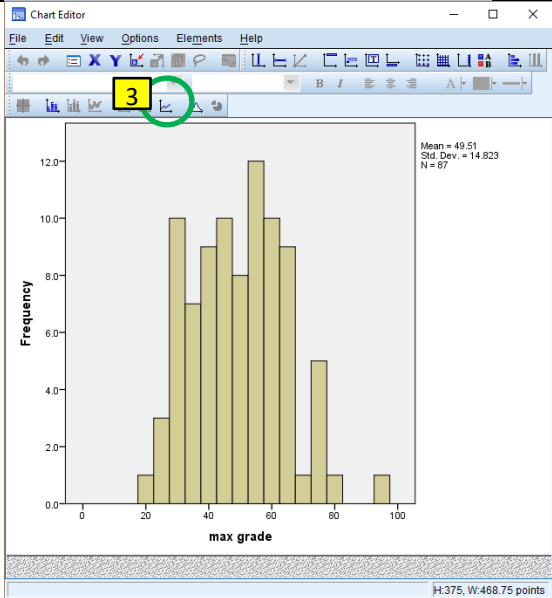


Figure 1. Example Frequency polygon generated with SPSS

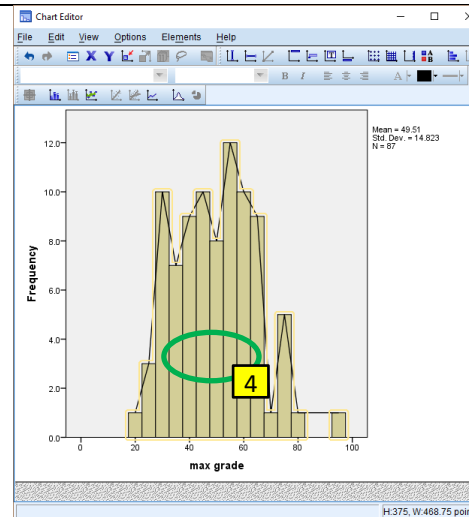
The described steps are also shown in the Youtube video at: <https://youtu.be/OKxdIZN9FGk>.

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






Frequency polygon

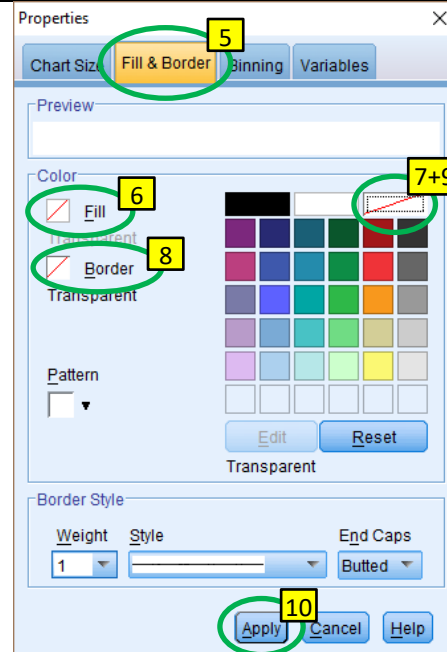
<p>1. Create a histogram of the variable (see separate instructions on how to generate histogram in SPSS)</p>	<p><= READ STEP 1</p>
<p>2. Double click somewhere in the output on the histogram to open the chart editor</p>	
<p>3. Click on  (the Add interpolation line shortcut)</p>	

4. Click on the bars of the histogram

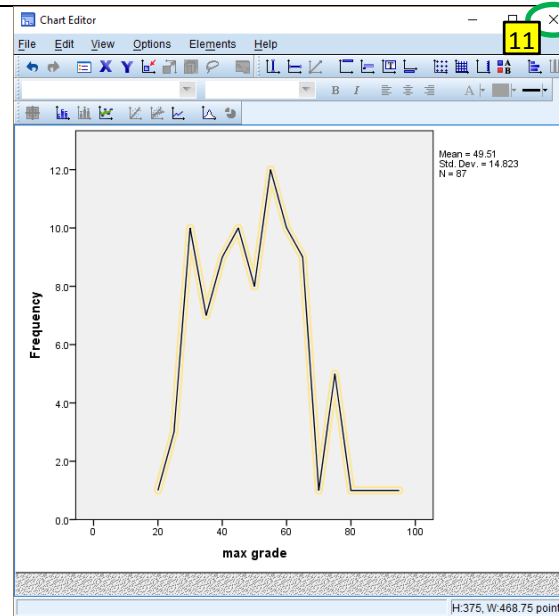


5. Click in the Properties window on the tab **Fill & Border**

- 6. Click on  Fill
- 7. Click on 
- 8. Click on 
- 9. Click on 
- 10. Click on 



11. Close the Chart Editor. The changes will show in the output.



Note. If you want to change the number of bins, you will have to do this in the histogram. See the instructions from the histogram on how to do this.