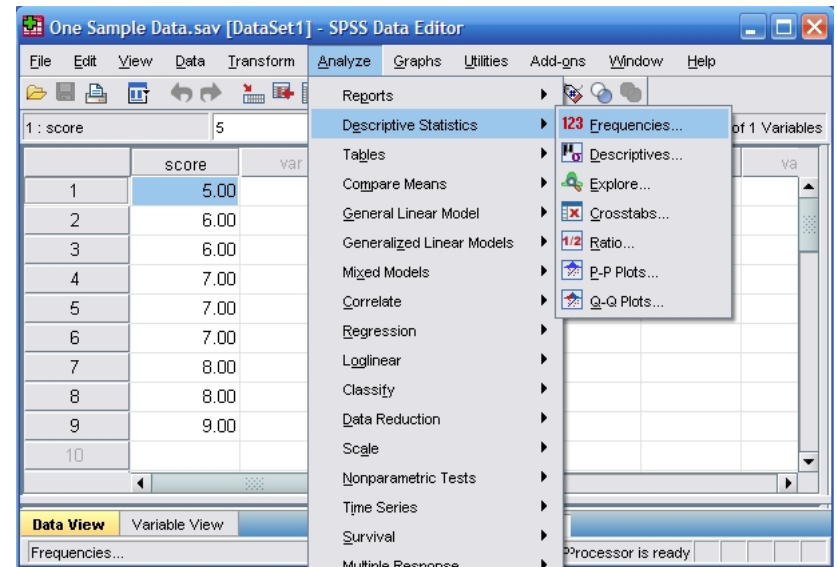


SPSS LESSON: OBTAINING FREQUENCIES AND DESCRIPTIVE STATISTICS

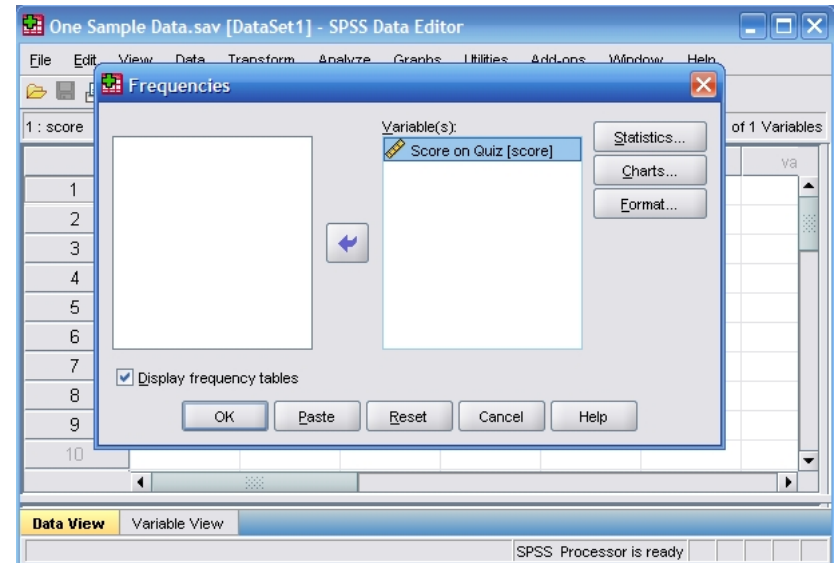
Steps for Obtaining Frequency-Related Statistics

1. First, enter the data (described elsewhere).
2. After the data is entered, select the “Analyze → Descriptive Statistics → Frequencies” option from the main menu.



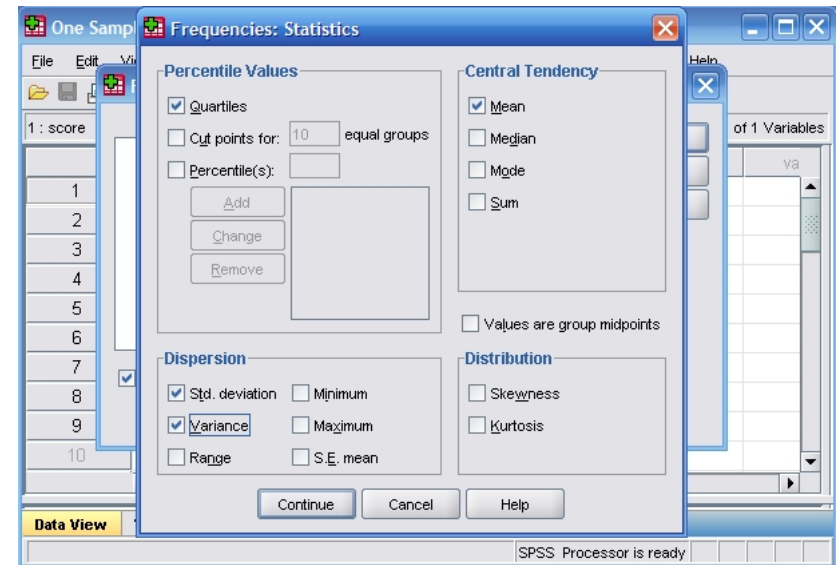
Steps for Obtaining a Frequency Distribution

3. A dialogue box will then appear for you to choose the variables of interest.
4. Select the variables you wish to analyze by clicking on them and hitting the arrow to move them into the “variables” box.
5. Be sure that “Display frequency tables” is checked. Without this checked, you will not get a frequency distribution.
6. If all you wish is a frequency table (with no histogram or summary statistics), click “OK.” A separate window with the output will appear. You will note that this matches the types of output used in class.



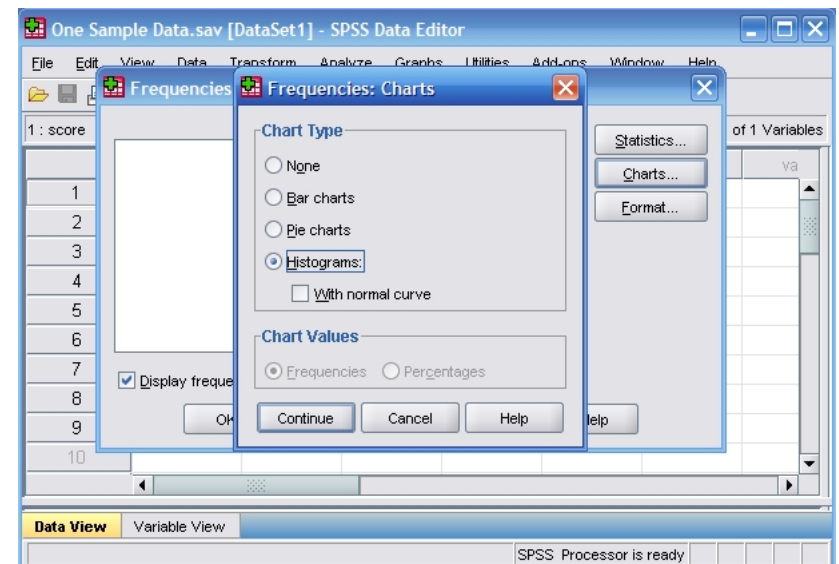
Steps for Obtaining Summary Statistics

7. To obtain summary statistics, select “Statistics.” Another dialogue box will appear.
8. In this box, you can request that SPSS calculate the mean, variance, and standard deviation (or median and quartiles).
9. Once you have selected the desired statistics, click “Continue.” This will return you to the original dialogue box.



Steps for Obtaining a Histogram

10. To obtain a histogram, click on the “Charts” button. Another dialogue box will appear.
11. In this box, select “Histogram” and “With normal curve.”
12. Once you have selected the desired statistics, click “Continue.” This will return you to the original dialogue box.
13. After clicking on “OK” in the original dialogue box, a separate window with the output will appear. You will note that this matches the types of output used in class.



Your data have now been analyzed!