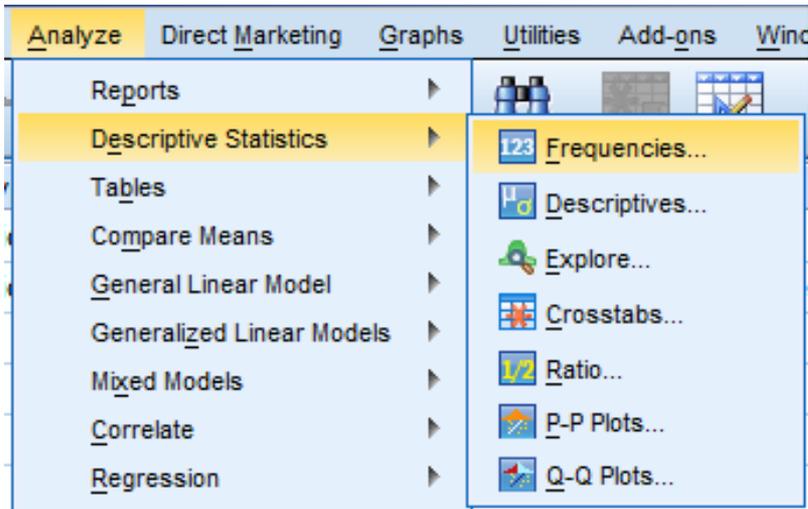**IBM® SPSS® Statistics**
Version 22

Java
COMPATIBLE

Psyc 381
Obtaining frequency distributions
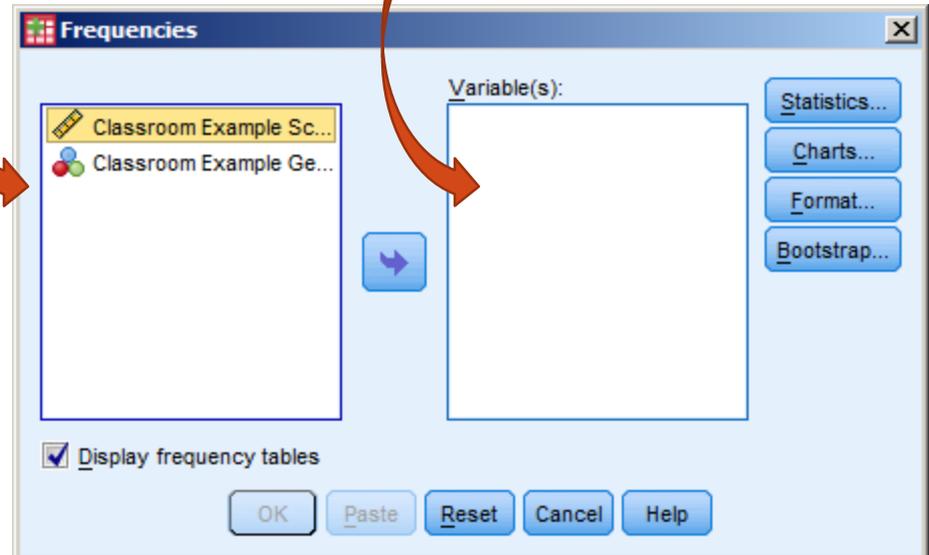and visual displays of data
A brief how-to guide

Obtaining Frequency Table

- Analyze > Descriptive Statistics > Frequencies

Analyze	Direct Marketing	Graphs	Utilities	Add-ons	Wind
Reports	▶				
Descriptive Statistics	▶	123 Frequencies...			
Tables	▶	Descriptives...			
Compare Means	▶	Explore...			
General Linear Model	▶	Crosstabs...			
Generalized Linear Models	▶	1/2 Ratio...			
Mixed Models	▶	P-P Plots...			
Correlate	▶	Q-Q Plots...			
Regression	▶				

All possible variables

Variables to be analyzed

Frequencies

Variable(s):

- Classroom Example Sc...
- Classroom Example Ge...

Statistics...
Charts...
Format...
Bootstrap...

☑ Display frequency tables
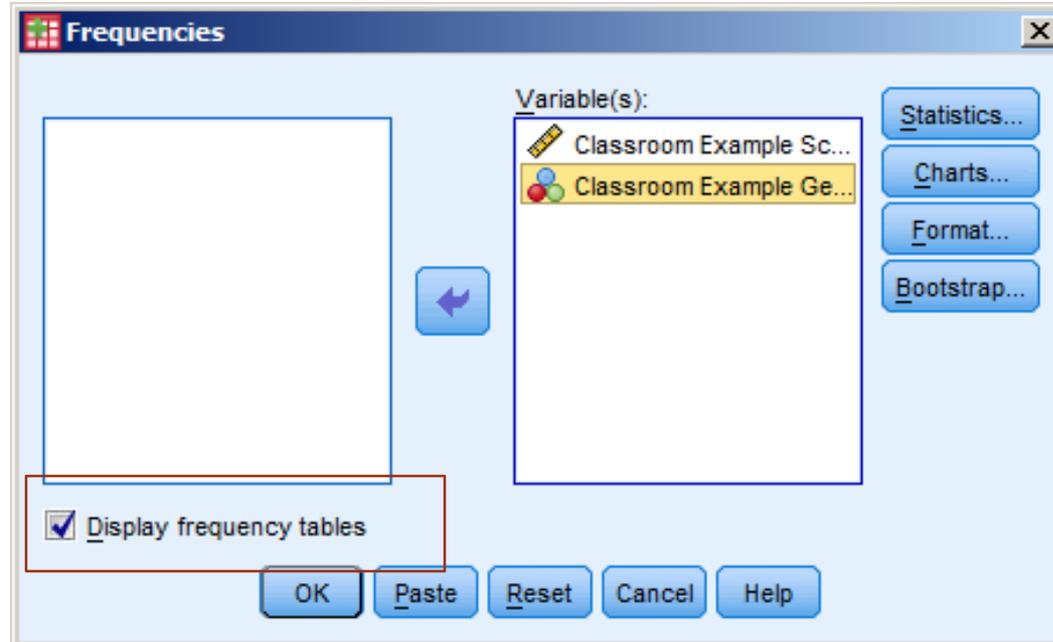
OK   Paste   Reset   Cancel   Help

Obtaining Frequency Table

- Use the middle arrow to move variables from left to right
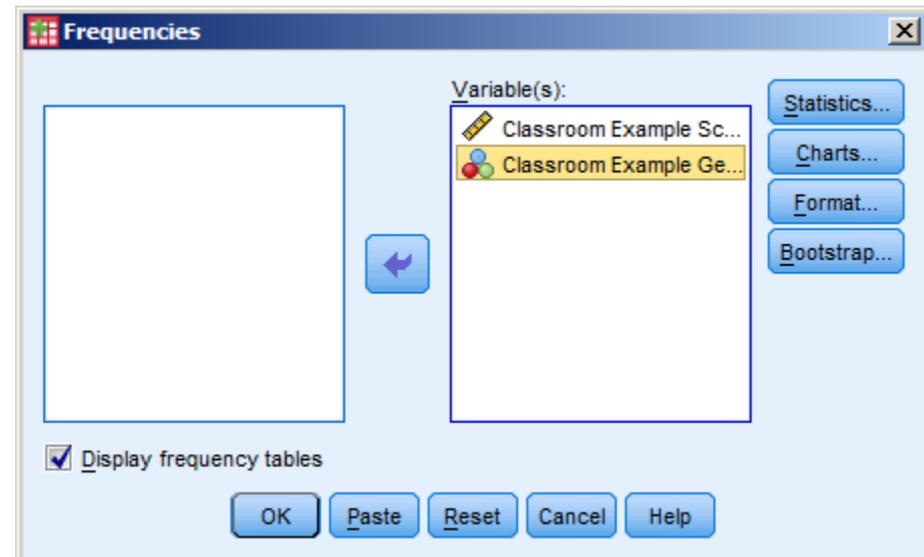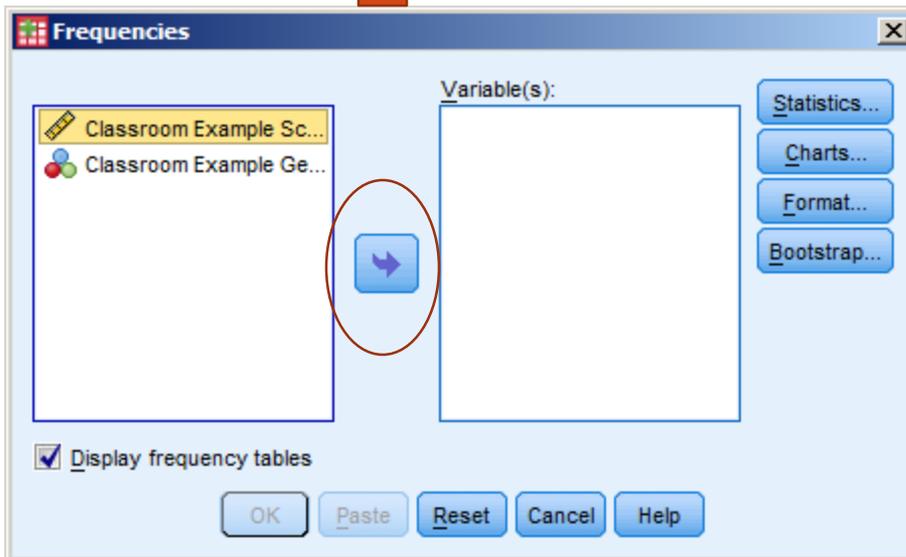
Obtaining Frequency Table

- Check off the "Display Frequency Tables" box
- The option is selected by default, uncheck it if you do NOT want to display a frequency table
- Select "OK" if you are finished

Obtaining Frequency Table

- A new output window will appear with your requested analyses

- Value labels will be displayed if they have been previously defined
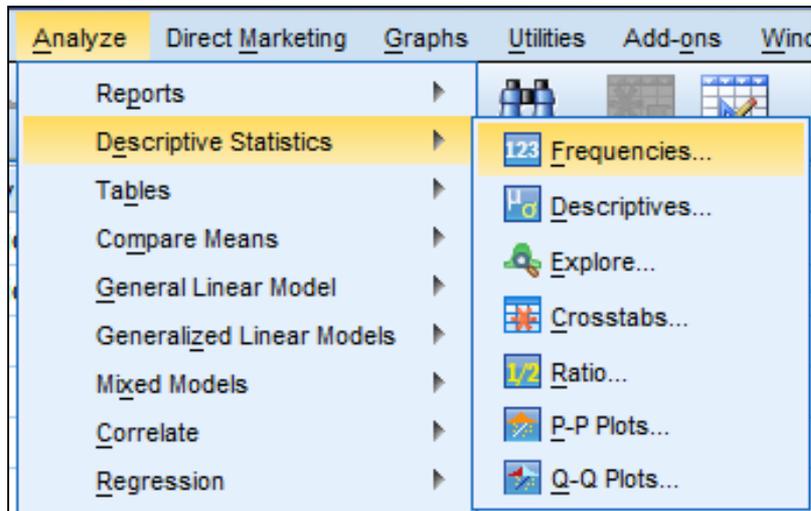
Frequency Table

Classroom Example Score

		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	15.00	1	7.7	7.7	7.7
	18.00	1	7.7	7.7	15.4
	25.00	1	7.7	7.7	23.1
	36.00	1	7.7	7.7	30.8
	45.00	1	7.7	7.7	38.5
	55.00	1	7.7	7.7	46.2
	66.00	1	7.7	7.7	53.8
	68.00	1	7.7	7.7	61.5
	74.00	1	7.7	7.7	69.2
	75.00	1	7.7	7.7	76.9
	78.00	1	7.7	7.7	84.6
	94.00	1	7.7	7.7	92.3
	95.00	1	7.7	7.7	100.0
	Total	13	100.0	100.0	

Classroom Example Gender

|		Frequency	Percent	Valid Percent	Cumulative Percent
Valid	Not Provided	4	30.8	30.8	30.8
	Male	4	30.8	30.8	61.5
	Female	5	38.5	38.5	100.0
	Total	13	100.0	100.0	

Obtaining Graphs

- In the frequency menu, select "Charts"
- Uncheck the Frequency Tables box if you do not want them
- Determine which graph is required and check the appropriate box
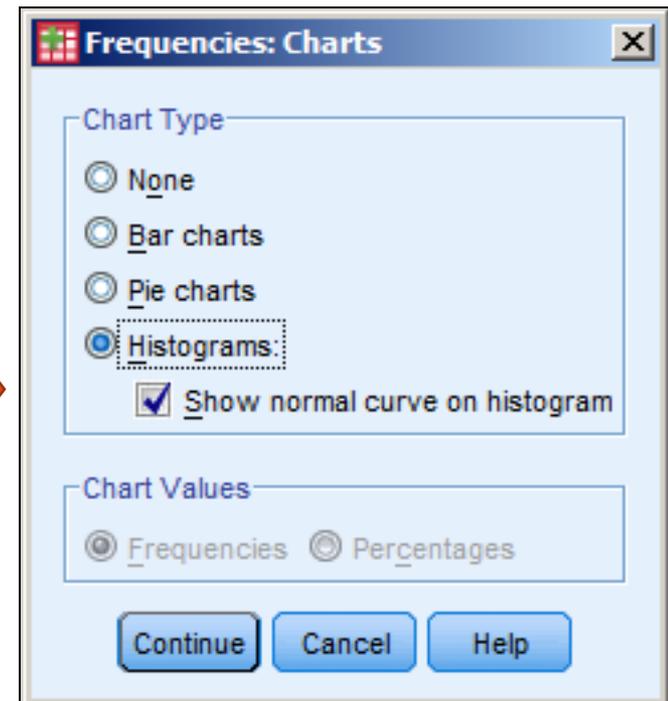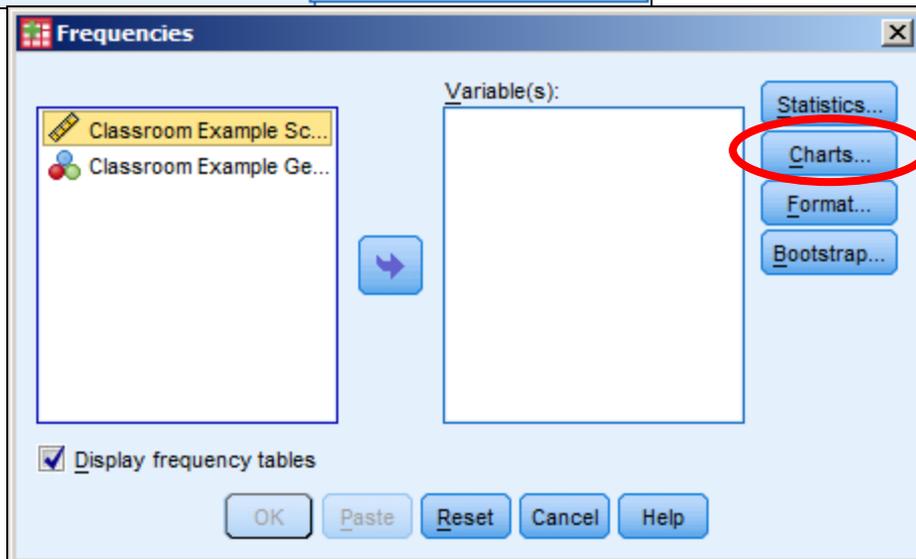
Obtaining Graphs

- Once you press "okay" on the previous menu, the requested graph(s) will be displayed in your output window.
- Make sure to uncheck this menu option if you no longer wish to have a graph appear as part of your output
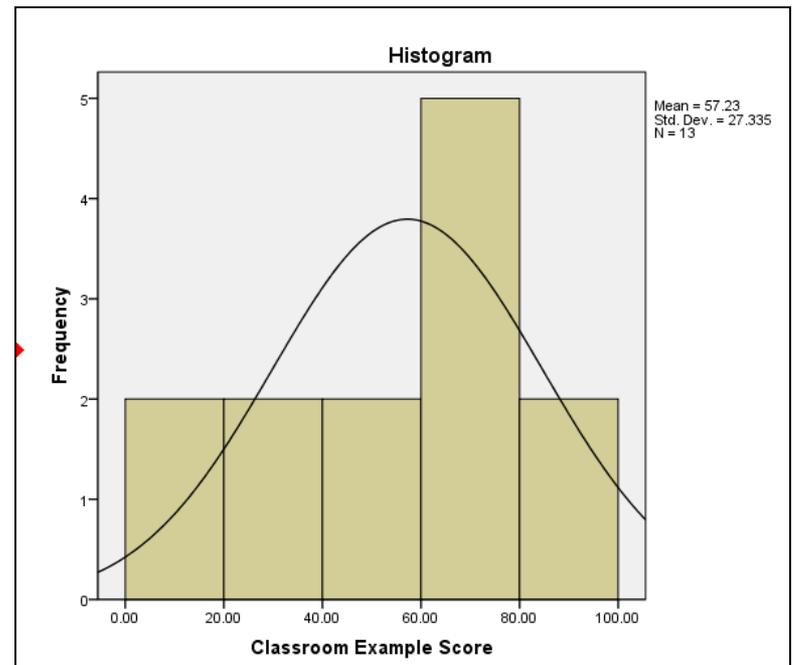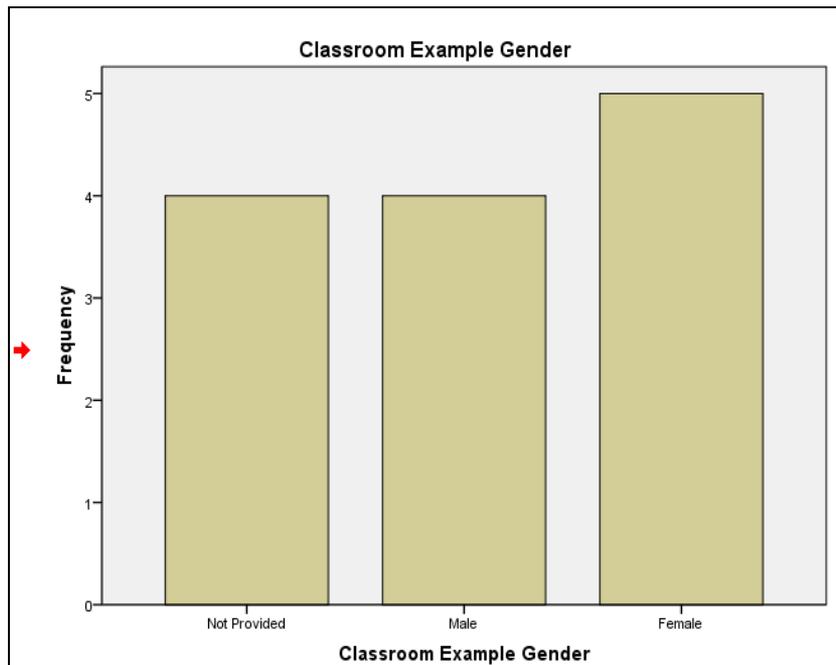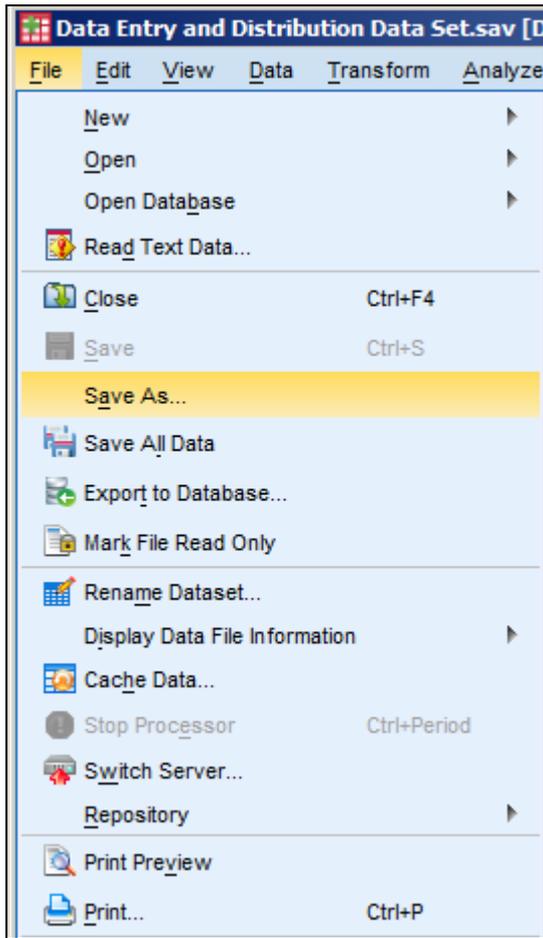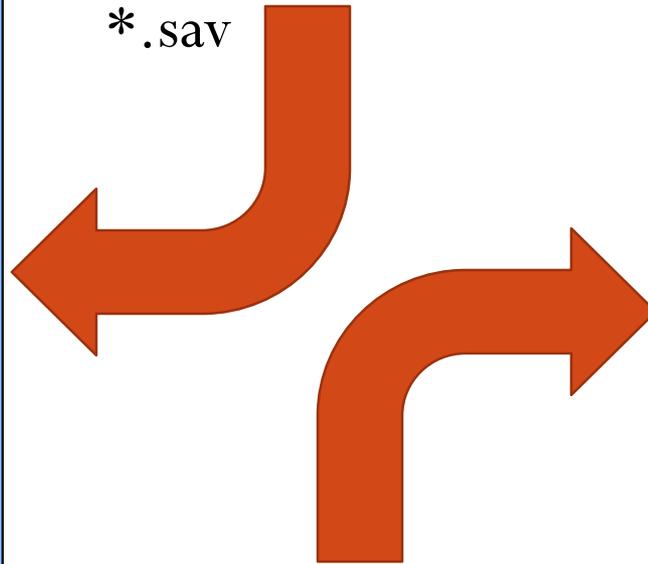
Obtaining Graphs

- Alternatively, you can also use the following menu option to request one of several graph types (including bar graphs and histograms)
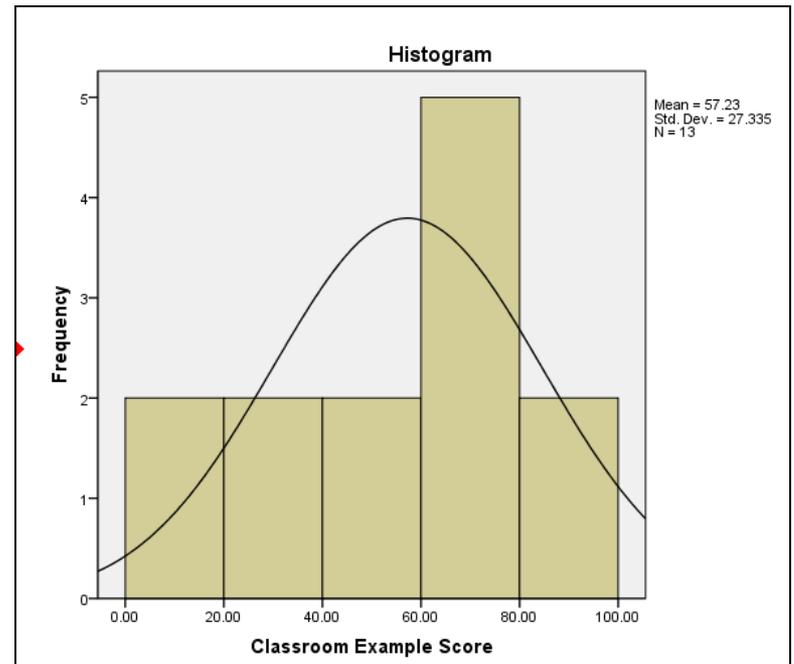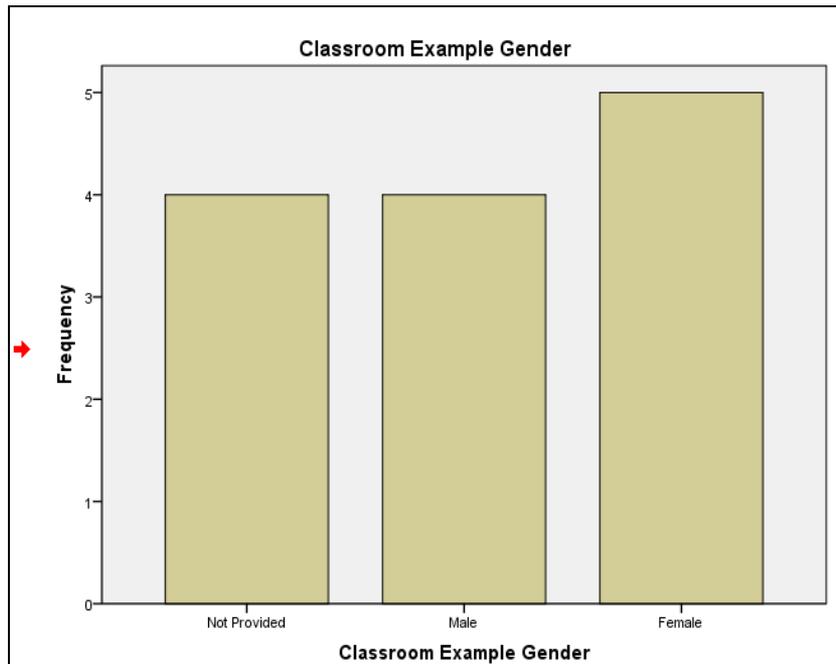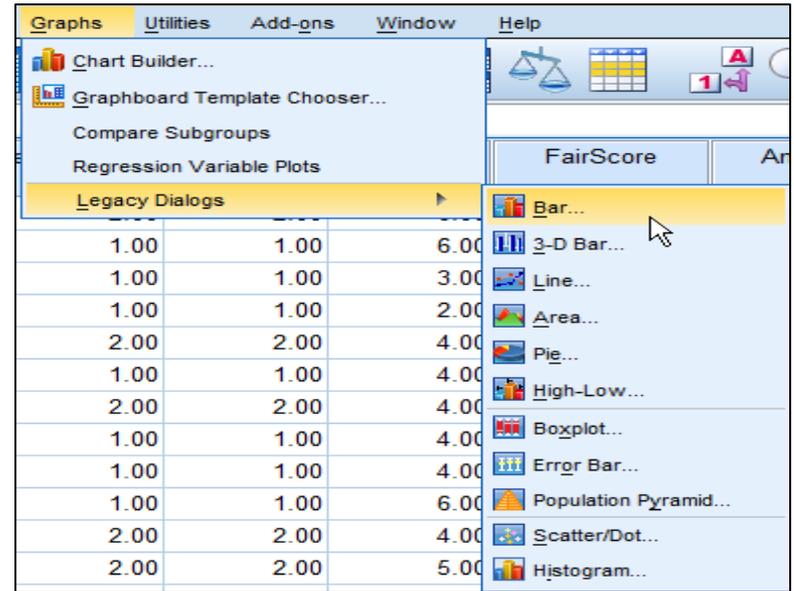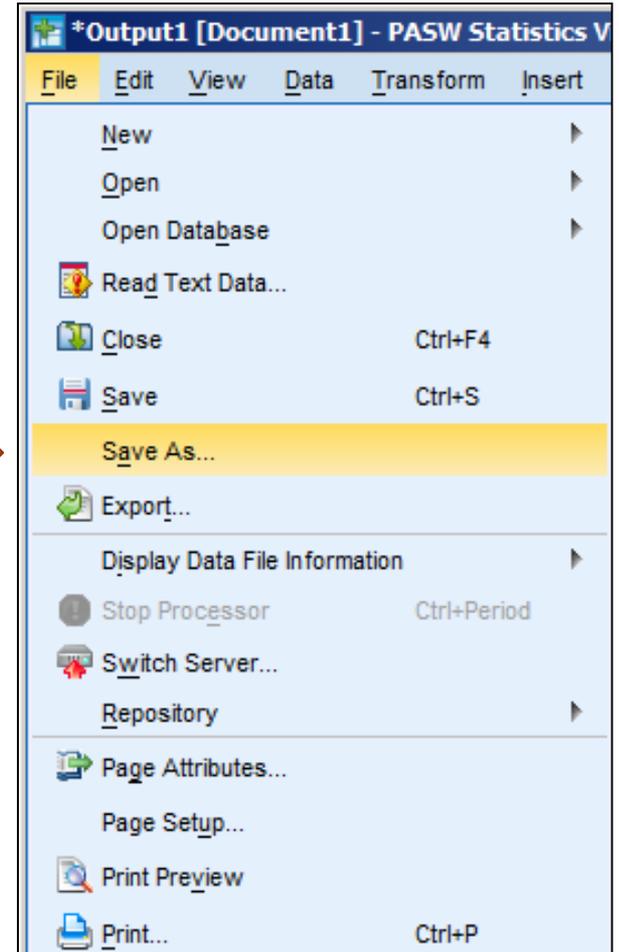
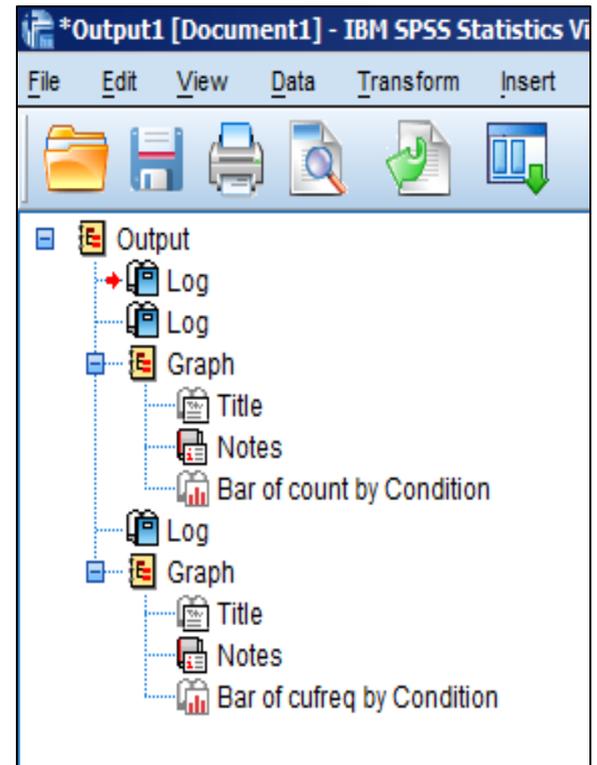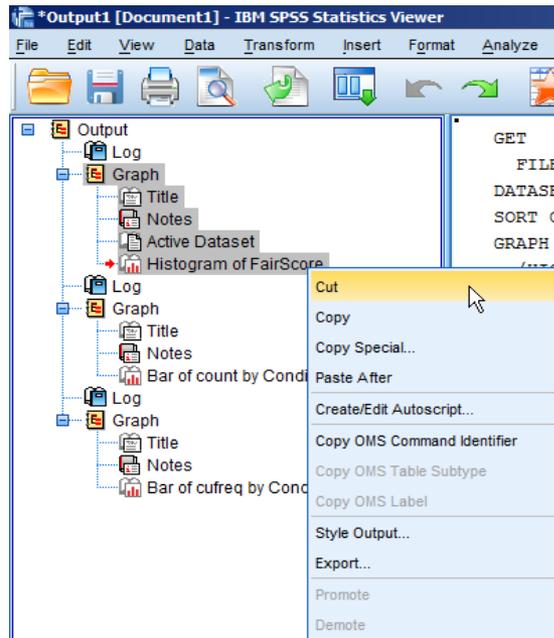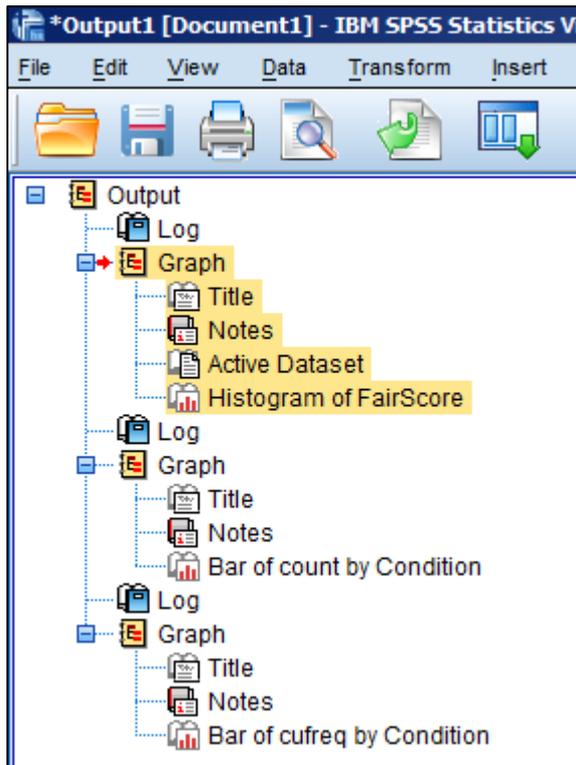# Saving Data and Output

- Data files as saved as *.sav

- Output files are saved as *.spv

Clearing Output

- You can clear the output already presented by exiting the output window and requesting the analyses again

- You can also delete specific pieces of output by highlighting unnecessary output and cutting or pressing the delete key

Printing Output

- To print out specific pieces:
- Hold CTRL and then select the output to be printed
- File > Print > Selected output