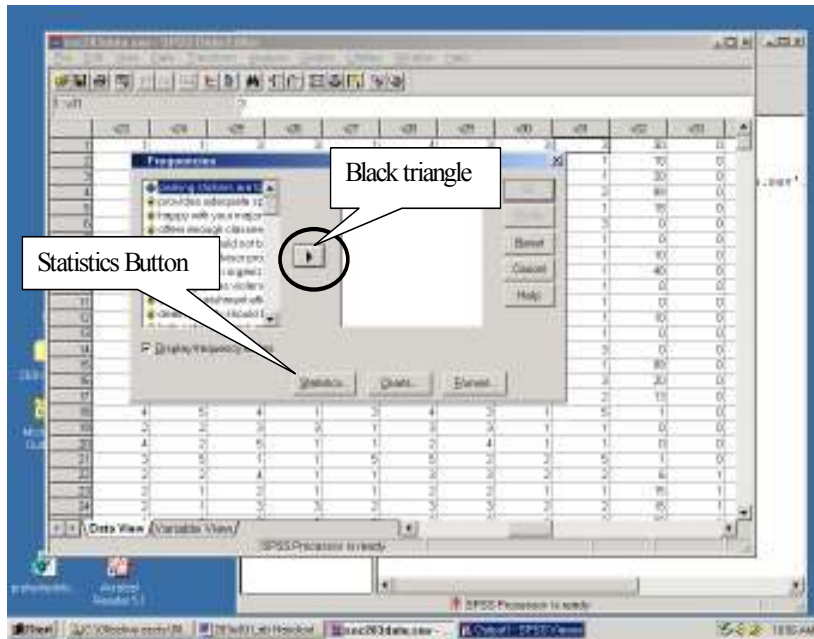
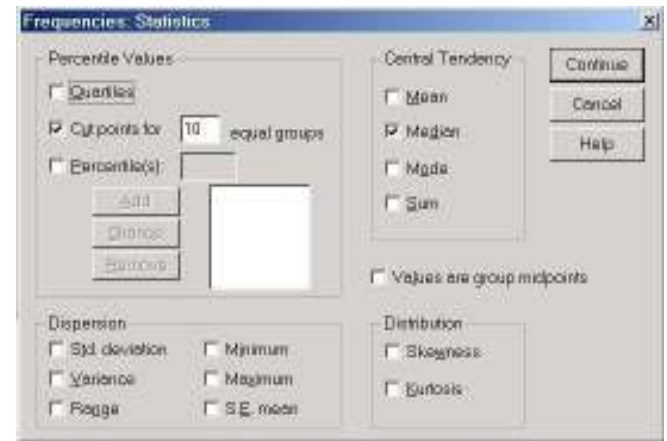


SOC 283 Lab Handout for Homework 6: 4 Frequencies and Statistics

Download the “major_recode” syntax file from the web and store it to your removable media. Remember to save not open. Now, start SPSS and open the SPSS data file (“*.sav”) you saved at the end of Homework 5. Now open the “major_recode” syntax file you downloaded from the web (using the file/open/syntax procedure). You can do run all, or highlight everything and “run selection”. Either will clean the data and collapse the appropriate variables. NOTE: the new collapsed interval/ratio variables discussed in class, will appear at the bottom of any variable list window. Now, to complete the assignment, make sure the data editor window is active, and click “analyze” on the menu bar, then “descriptive statistics”, and “frequencies”. You will get a dialog box similar to the one below on the left. Single click a variable to highlight it, click the black triangle in the middle of the dialog box and the variable will move



to the right hand window pane. After you have moved the required variables(1 nominal, 1 ordinal, 1 original interval/ratio, and 1 collapsed interval/ratio), click the “statistics button”. You will see a dialog box like this one.



Using single clicks with the mouse, place check marks in the boxes for “cut points”, “mean, median, mode”, and “standard deviation”, then click “continue”, and you are returned to the frequencies dialog box. Click “ok” and frequency tables and statistics will be run in an output window (**MAXIMIZE THIS WINDOW**). Save one of the titles for your name (if you get the object isn’t registered error, come and see me); delete any others. Delete any logs; delete the “case processing summary”; delete any Notes, and print the results. You should have a statistics table and 4 frequency tables. This printout is what’s due in class as indicated in the online schedule.

Finally, **save the data** in the data editor window. Make sure the data window is active, and click “file” “save as”. A dialog window opens where you select a path (the path from which you opened your SPSS data file should still be chosen). If not, reselect it, and give your new file a name (I suggest something descriptive, “cleaned and collapsed” would be a good choice). SPSS will add the “.sav” extension. Then, the next time you want to work on the data, all you do is open the “.sav” file and begin. It saves the cleaned data with all the original variable labels, value labels and missing values attached; plus all the new collapsed variables with their value labels and missing values.