Psy 216, SPSS Assignment 2 -- Homework
Dr. Crutcher's Class

After you've watched the video and done the in-class exercise, you may begin the SPSS homework assignment. Be sure to write this up in a word processing document--like before. You may copy and paste information from SPSS, but do not copy superfluous information--just what's needed (see the example write-up that I did for the Sleep Study.

The data for these exercises have already been given to you in another handout; you will need to create an SPSS data file for each study and save it to your Novell folder for Psy 216. Name the files something meaningful and put your name at the beginning of the filename: e.g.

crutcher_sleep_study.sav

Part I: Using SPSS create data files for the studies in the homework assignment and name them something like the following so you'll remember the study that the data file relates to.

yourname_compulsive_checking_study.sav.

For example: *crutcher_compulsive_checking_study.sav*. Save the file to your class Novell folder so you can access it again later. You may also want to save it to your Home folder just to be sure you have it and to be sure you can access it from elsewhere on campus. Remember that you can also access your Novell files from the Myfiles UD Website (http://myfiles.udayton.edu). You could also save it to a USB flash drive it you have one.

Part II: First, create a bar graph for the data as demonstrated in the instructional video. Then conduct a single factor ANOVA (also called a one-way ANOVA) on the data for each of the homework studies. Copy and paste the graph that you created and the source table for the ANOVA into your write-up. Be sure to create a title for the graph as I have in my example. I think it's easier to create the title in MS Word after you've pasted the graph into your document. After you've pasted in all these elements, write a conclusion for your analysis. Again, follow my example and how I've taught you to write conclusions in class: Descriptive statistics then inferential. Refer the reader to your figure (note how I've put a caption indicating the figure number (e.g. Figure 1). Finally, be sure to *italicize* the statistics--e.g. $F(2,27) = 41.425$, $MSE = 2.956$ and $p = .00000001$) and be sure to report the p values in the proper way for SPSS-conducted analyses--i.e. report the exact p value as I've done in the example.

IMPORTANT NOTE: Please do the above analyses separately for each study. In other words, first do all of the above for one study and then repeat for each of the other studies.