Stat 404
Lab2
4 September 2015

All files and data will be published on the class website on the Files link on the class homepage.
http://www.webpages.uidaho.edu/~renaes/404 SAS_R/404datafiles.html
Remember is that I will have example code for you to use to help you write your programs in labs.

Lab collection:
When I decide to collect a lab, I will let you know at the beginning of the lab and it will be due within 1-2 class periods of the lab.

What to copy and paste into the document for submission:
All code from both programs and the log window from SAS (please clean it up a bit and get rid of errors if there are any). Do not paste the results from either program unless I specify in the exercises.

Submission:
Is through BbLearn. Go to the Labs link, click on the lab and follow instructions to attach the file. The file MUST be in PDF format. No other formats will be allowed for submission. The easiest way I find to create a PDF is to do all the work in Word or Pages then "save as" PDF format.

One recommendation I have is to create a few folders on your computer for this class. I would create R, SAS, Data, Labs. That way you can save all the files and data you need for labs and it will make things easier for later labs.

SAS

Required data file(s): order_fact.sas7bdat

1. Write and submit an appropriate LIBNAME statement, naming the library Zeus. Use the following example to help with your coding:
   LIBNAME *libref* 'address';
   Use the directory address where you will save the data files from the Files link on the main homepage and use Zeus as the library name.

2. Check the log to confirm that the library was assigned.

3. Use PROC CONTENTS to see information about order_fact. How many variables are in the dataset? How many observations?

4. Use PROC MEANS to get the mean total retail price (from order_fact). PROC CONTENTS will show you the exact way the variable name looks.