Good morning -

If you were not present yesterday or to review:

In lab yesterday we had the following goals.  Please complete all of them before lab next week.  Next week everyone must be able to begin doing modeling with the lm() function.

Goals for this week:

1) Create a "script" file that contains all of the code related to your project.  **Upload a draft of this to D2L.**A central part of your final project will be producing a script that carries our your analysis.  The goal is for you to submit your data and your script and for me to be able to re-run your code and reproduce everything (load data, create figures, run models).  An example of a script that carries out the key parts of analyzing BBS data is attached as "Exampl script..... .pdf".  This example is very bare-bones and your final script must have details about what is going on.

2) **Prepare your data set and upload it to D2L.**  If you are using a dataset contained within wildlifeR you still need to use write.csv() to save it.

3)**Finish working on a draft of your data dictionary and upload it to D2L**.  (Note that a data dictionary doesn't have to be in a format that can be loaded into R - these are almost always just kept as excel files)

4)**Make exploratory graphs of your data and upload at least one** (as a ppt or word file) to D2L (see below for more details on this).  This should be a histogram, boxplot, scatter plot etc.  Examples are found in the the\_widlifeR\_package.pdf and also in the example script

5) As part of #4, explore how to make refinements to your graphs, such as changing colors, axes labels etc.  Make at least one refinement to the graph you upload.  See my previous email about ggpubr for ideas of what to do.

6)Attempt to a**dapt the code in the example script to build a model using lm()**.  I provide an example using the BBS both for data that is in a regression format (both variables continuous-numeric) and also in an ANOVA  (continuous data divided into groups/categories such as year).  The script you upload to D2L should have this attempt, though it doesn't have to work.  Just try; we'll work on on it next week.

Let me know if you have any questions and have a good holiday.

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