

Computing Assignment 1

Due Monday, January 30, before class.

1. Create a **pols-209** folder on your computer, this can be wherever you like (e.g., Desktop, Dropbox).
2. In that folder, create a **data** subfolder.
3. Go to the course webpage and save the **submit_times** and **calories** data sets (under Jan 27) to the **data** folder. Choose whatever file type you prefer, but use a **different file type** for each data set.
4. Open up RStudio and set the working directory to the **pols-209** folder.

Write an R script that completes the tasks below. Be sure to write your code neatly and comment your code thoroughly. Use whitespace effectively so that the code looks neat and is easy to read.

1. Loads the **tibble** and **ggplot2** packages. (If it's not already installed, you should install it first. In general, though, you should not install packages as part of a script.)
2. Loads the **submit_times** data set using the appropriate function (depending on the file type).
3. Quickly summarizes the data using the **glimpse()** function in the **tibble** package.
4. Loads the **calories** data set using the appropriate function (depending on the file type).
5. Quickly summarize the data using the **glimpse()** function in the **tibble** package.

Once the script is written, you should **save it** to a convenient spot on your computer. (I suggest a folder **R** inside your **pols-209** folder.) Remember that you'll be writing several scripts this semester, so keep them organized.

To submit your work, do the following:¹

1. With your R script open, click "File", "Compile Notebook..."
2. Under "Notebook Output Format," select MS Word or PDF. Depending on your computer, only one of these might work. My suspicion is that MS Word will work better with Windows and PDF will work better with Mac. The MS Word or PDF file is saved to the same location as your R script. If neither works, then see footnote 1.
3. In a web browser, go to the eCampus page for POLS 209.
4. Click "Submit Computing Assignments" in the left sidebar. Click "Computing Assignment 2."
5. To the right of "Attach File," click "Browse My Computer."
6. Navigate to the file containing your R script and you'll find a file with the same name but the extension ".pdf" or ".docx" rather than ".R". Select the ".pdf" or ".docx".
7. Click "Submit."

I expect you to submit the assignment on eCampus *before* class. However, I have given you until noon in case you encounter technical difficulties.

¹In case of technical difficulties, I don't want you to spend a lot of time figuring out how to submit your work. If you can't figure it out, just bring a hard copy to class. We'll sit down and work through the process so it's smooth and easy next time.