**Instructions**

**Background**

If you continue on in research, at some point you will likely find yourself presenting a poster. I’ve decided to have you work on a poster for two reasons. First, it offers a good opportunity to practice creating data visualizations. Second, it will require you to practice being succinct; there is not much room and a poster and you have to make the most of it.

Our poster assignment will have two parts:

* Part I (this assignment) will ask you to choose a dataset, specify a research question, and create some data visualizations
* Part II (later in the semester) will ask you to add regression analysis and interpretation to your poster.

**Instructions**

1) Choose a dataset

* Use one of the sources discussed below
* Use a dataset of your own!

2) Identify a research question:

* Is there any relationship between A & B?
* What effect do changes in A have on B?
* Is the effect of A on B the same for groups X & Y?

3) Write a brief introduction to the data and your research question:

* Less than 300 words

4) Use R (probably ggplot() and kable()) to make a small number of tables and figures that summarize the variables in your data that are relevant to your research question.

5) Write a brief discussion of any insight that comes out of your tables/figures related to your research question.

6) Use the included template (or one of your own) to make a poster.