**Introduction**

My name’s Justin and I’m a 6th year student in IR. I also work with CITL’s Data Analytics Group and on-campus group who, among other things, offer consultations for help with statistics, R and other research related software are programs. You can find us at go.illinois.edu/surveystatsdata

You can also email me with any questions about this workshop at jdpierc2@illinois.edu

**Included in this folder**

* 3 video lectures on Playing with Data in R
* 3 companion videos for the exercises
* Companion R code which includes all of the code from the lectures
* The datasets required for this workshop
* A two-part code book for the main dataset, the ANESShort data
  + The first part is an excel file which lists all of the variables, first with their name from the original ANES data, their new name in the data set, and the page in the ANES PDF Codebook
  + The ANES PDF Codebook
* This ReadME page.

**Exercises**

This workshop has an exercise for each of the parts. Their written out here as well as in the video

Exercise 1: Add the “StatePop” data to the rest of our data

Exercise 2.1: Create a new variable for the “DoesIntendtoVote” variable with 3 categories: “Yes”, “No”, and “No Response”

Exercise 2.2: Create a new variable for the “Who\_Votefor\_2016\_Primary” variable

Exercise 3.1: Create a frequency table for “IntendtoVote” variable from Exercise 2.1

Exercise 3.2: Create a new variable for “Did\_Vote\_2016\_Presi” so it is coded the same as “IntendtoVote”; then create a cross tab with the two variables, including a chi squared test.