

Spring, 2019. Getting started

Dear students:

Welcome to Stat 405/705!

I'll start with a strong suggestion. It would be great if we could all hit the ground up and running when the Quarter starts. What that means for this class is to have a functioning copy of the two programs, R and RStudio installed on your computer/laptop.

Both of these programs are open source – no cost to you.

You should first install “R”, which you can find at <https://www.r-project.org/>

I suggest you download the “precompiled” R version 3.5.2.

The program, RStudio (our Integrated Development Environment [IDE]) can be found at <https://www.rstudio.com/>. Get the RStudio desktop (not server) open source version of the software. The latest version is 1.1.463.

To check that you have everything in place, open RStudio and in the “console window” (typically at the bottom left corner) cut and paste in:

```
hist(rnorm(100))
```

and hit return. You should get a histogram pop-up in the graphics window in the bottom right panel. If it does, you are done with assignment 0 and are ready to go!

If it doesn't work, then post to the Piazza discussion board from Canvas and we'll see if the “wisdom of the crowds” can help.

Both R and RStudio are going to be available on the Wharton Virtual Network, but I still think it is a good idea to install it yourself. During class we will have some 15 minute coding sessions, so having R/RStudio on your laptop will allow you take part in these without having to rely on the Virtual Network.