**Optional:**

If you would like to install R/Rstudio on your own computer, please see [OptionalInstallR.pdf](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/OptionalInstallR.pdf)

If you would like to know more about packages including Swirl (learn R programming, data science, statistics interactively, see [OptionalSwirlCoursesAndPackages.pptx](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/OptionalSwirlCoursesAndPackages.pptx)

**Introduction to R**

For a quick introduction to R, see [RstudioIntro1Short.pdf](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/RstudioIntro1Short.pdf) or [Rstudio/RstudioIntro1.pptx](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/RstudioIntro1.pptx)

Click on the file [CreateGraphs.r](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/CreateGraphs.r) and [analyzeData.r](http://homepage.divms.uiowa.edu/~idarcy/COURSES/4060/Rstudio/analyzeData.r) to load into Rstudio.

**Lab assignment:** Create a figure of a graph and upload to ICON. Also modify analyzeData.r (choose a better data set) and upload to ICON.