

Assignment 1: Getting to know R

Due: Thursday January 31

[10 points]

1. Find a place where you can use R. This can be own computer or somewhere on campus. Note: R is installed in the graduate computer lab (CBC-C323). If you are going to use you own computer, then make sure to download R from <http://www.r-project.org>.
 - (a) Make a text file with a `.R` ending where you will write your code. The code should do the following:
 - Remove all items in R's working environment.
 - Load the data-set 'wheat.txt' into R and call it `wheat`.
 - Select the column of the data-set named 'yA' and call it `yA`.
 - Select the column of the data-set named 'yB' and call it `yB`.
 - Put the following 4 plots in 1 display. [Using the the drop down commands save the plot as a `.pdf` file – thus this command will not be in your code].
 - Box plot of `yA`.
 - Box plot of `yB`.
 - Scatter plot of `yA` vs `yB`.
 - Histogram of `y = c(yA, yB)`. Thus one histogram with all the wheat yields.
 - Select rows 3 though 5 of the `wheat` data-set and call it `wheatSub`. Save this as a text file.
2. Submit your code, plot, and 'wheatSub.txt'.