Last night at office hours we discussed how to take the results of our Week 4 assignment and load them into a table for export.

The first thing I did was to assign example results to variables. I did mean, max, and min for Binomial and BN1. I just wanted a sample 3 x 2 matrix.

> mean\_Binomial <- mean(Binomial)

> max\_Binomial <- max(Binomial)

> min\_Binomial <- min(Binomial)

> min\_BN1 <- min(BN1)

> max\_BN1 <- max(BN1)

> mean\_BN1 <- mean(BN1)

Next, I used the data.frame() function

> wk4\_results <- data.frame(list(Binomial=c(mean\_Binomial, max\_Binomial, min\_Binomial), BN1=c(mean\_BN1, max\_BN1, min\_BN1)))

> wk4\_results

Binomial BN1

1 70.168 9.994328

2 84.000 18.612025

3 57.000 1.781160

I did not like that the rows were not labeled, so I added " "=c("mean", "max", "min")

> wk4\_results <- data.frame(list(" "=c("mean", "max", "min"), Binomial=c(mean\_Binomial, max\_Binomial, min\_Binomial), BN1=c(mean\_BN1, max\_BN1, min\_BN1)))

> wk4\_results

X. Binomial BN1

1 mean 70.168 9.994328

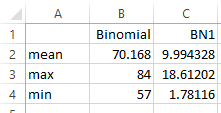
2 max 84.000 18.612025

3 min 57.000 1.781160

Finally, to export, I used

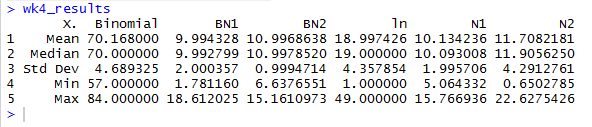
write.table(wk4\_results, "wk4\_results.txt")

I used Text to Columns in Excel to clean it up.



Here is the whole thing:

wk4\_results <- data.frame(list(" "=c("Mean", "Median", "Std Dev", "Min", "Max"), Binomial=c(mean\_Binomial, median\_Binomial, sd\_Binomial, min\_Binomial, max\_Binomial), BN1=c(mean\_BN1, median\_BN1, sd\_BN1, min\_BN1, max\_BN1), BN2=c(mean\_BN2, median\_BN2, sd\_BN2, min\_BN2, max\_BN2), ln=c(mean\_ln, median\_ln, sd\_ln, min\_ln, max\_ln), N1=c(mean\_N1, median\_N1, sd\_N1, min\_N1, max\_N1), N2=c(mean\_N2, median\_N2, sd\_N2, min\_N2, max\_N2)))



Here are a couple "I coulda had a V-8" refinements.

Use write.csv() instead of write.table() and it will open up in columns in Excel without having to parse the data with Text to Columns.

Here is a better way to do the row labels:

