

DAY 2 – Morning Exercise

1. Create a new R Markdown document
2. Put in a title of your choosing
3. Put in your name as author
4. Using our previous Rmarkdown documents (RMD files), create a report with the following items:
 - a. Read in the Abalone dataset
 - b. Add a header for figure 1
 - c. Figure 1: Create a clustered boxplot of the abalone rings by sex
 - d. Add some text describing what you see in the boxplot
 - e. Add a header for figure 2
 - f. Figure 2: Make a scatterplot of $x=\text{wholeWeight}$ and $y=\text{rings}$ – color it how you like, you can choose to add color by sex or not, you can choose to add facet panels or not and you can choose to add a reference line or other line to the plot.
 - g. Add text describing Figure 2
 - h. Add a header for Table 1
 - i. Table 1: Create a table with descriptive statistics for the abalone length and whole weight by sex. [HINT: Look back at “d1session1_file04.Rmd” from day 1.]
 - j. Add some text describing the results in Table 1.
 - k. KNIT your report to any format you wish (HTML, PDF or WORD).