BIOL 3000 – Markdown Assignment (due by end of class)

1. (REQUIRED) Coded R markdown file knit to html; use data from previous class examples.
   1. 2-3 figures using ggplot; both displayed in .rmd and exported as .png
   2. 2-3 model specifications or statistical summaries
   3. 2-3 tables summarizing various aspects of the data
   4. 1-2 pictures of study system/study species
   5. Map of the study site or other place of interest.
2. (Optional; pick 2-3)
   1. Table of contents
   2. Font formatting (italics, bold, different font colors)
   3. Flow chart (Diagrammer) or Gantt chart
   4. Links (URL) to helpful reference/source information for your code; helping your future self.
   5. In-line calculations/presentation
   6. Links to supported media files (youtube, vimeo, etc.)
3. Force yourself to use best-practices for naming conventions and file management

Potential datasets for practice.

Previous worked examples for 2-Way ANOVA and ANCOVA (molerats, lizard tails, etc.)

Palmer Penguins has interesting worked examples.