

One-Way ANOVA

Exercise - Nunavut

Answer the following questions by creating an R script and iteratively running the code in RStudio.

1. Load the `PG008_original.xlsx` file into a `data.frame` object, create a factor version of the `year` variable, and determine if the mean fork length of fish sampled from the “Seawater” `water.type` differs among years. [*Note, be careful about the inconsistent use of levels in `water.type`.*]
2. [*Time permitting*] Determine if the mean fork length of **Age-15 to 20** (inclusive) Arctic Charr captured in “**freshwater**” differs among years.