**Results**

Treatments: S, W, HPS, HB, HR, LB, LR

Development

* Development Rate (days for each nymphal instar, and hatch-adult)
  + Data manipulations
  + Figures and Tests
  + Assumptions
* %Mortality (percent dead before reaching adult stage)
  + Data manipulations
  + Figures and Tests
  + Assumptions
* Tibial Length (adults which developed under Treatment
  + Data manipulations
  + Figures and Tests
  + Assumptions

Adult L/F/Pre

* Adult Longevity (days)
  + Data manipulations
    - Sqrt to achieve Normality? Log?
  + Figures and Tests
    - Clustered boxplot of Longevity over Treatment, clustered by Sex, sig. groups only by Treatment (because Sex non sig.)
    - 2-way ANOVA Longevity x Treatment + Sex + Treatment:Sex (Interaction effect)
    - Tukey Post hoc test
      * Error bar plot to visualize
    - Means plot to visualize interaction effect
  + Assumptions
    - “Adults were randomly and independently selected from the *O. insidiosus* colony in each treatment before pairing. Male and females were paired randomly and independently, and paired male and female’s longevity and fecundity was not expected to be correlated so they are considered independent sample” - From work report
    - Normality
      * Histograms or boxplots
      * Q-Q plots
      * Shapiro-Wilk test, or Kolmogorov-Smirnov Test with Lilliefors Significance Correction (as in work report)
    - Homogeneity of variances
      * Levene’s Test for homogeneity of variances
* Female Fecundity
  + Data manipulations
  + Figures and Tests
  + Assumptions
* Pre-oviposition Period
  + Data manipulations
  + Figures and Tests
  + Asusmptions

Green?

Greenhouse?