ModelingLemna

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Note: full code for this can be found in LogisticLemna.R which can be found at my [GitHub](https://github.com/gabrielherrick/Floating_Plants).

## Getting Started

Start as always by reading in data.

library(dplyr)

##   
## Attaching package: 'dplyr'  
##   
## The following object is masked from 'package:stats':  
##   
## filter  
##   
## The following objects are masked from 'package:base':  
##   
## intersect, setdiff, setequal, union

setwd("~/Documents/Floating\_Plants")  
# Enter in the data  
full.data <- read.csv( "Full\_lemna\_data.csv", header = T)  
lemna <- tbl\_df(full.data)  
#  
# Select chosen data  
# Use dplyr tool "select" and rename columns in one go.   
lemna <- select(lemna, week = Week, treatment = Treatment, pop.size = Pop.size)  
lemna # should look nice with new names

## Source: local data frame [72 x 3]  
##   
## week treatment pop.size  
## 1 0 C 10  
## 2 0 L 10  
## 3 0 H 10  
## 4 1 C 13  
## 5 1 L 14  
## 6 1 H 32  
## 7 2 C 24  
## 8 2 L 27  
## 9 2 H 54  
## 10 3 C 25  
## .. ... ... ...