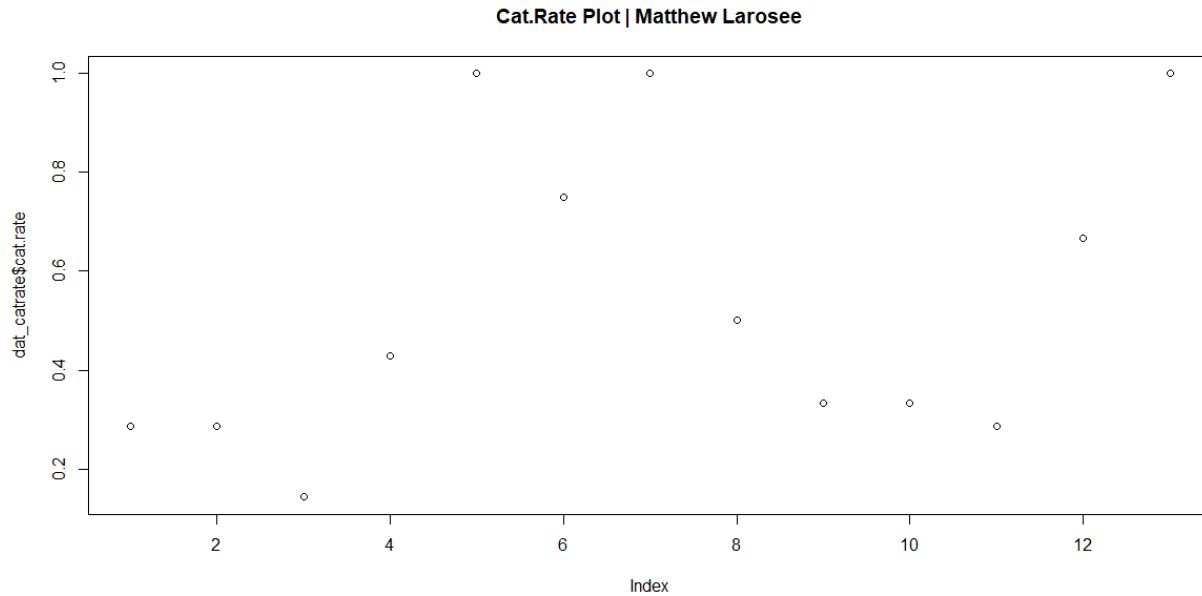


## In Class Reading Data Files Assignment

Matthew Larosee, Joshua Ward, Doug Bishop, Bonnie Turek

**Group Question:** Do you have to re-install “here” every time you start a new R-script? Or just use require(here)?

**Matthew Larosee:**



```
1 install.packages("here")
2 library(here)
3 here()
4 dat_catrate <- read.csv(here("data", "catrate.csv"))
5 dat_delomys <- read.csv(here("data", "delomys.csv"))
6 dat_rope <- read.csv(here("data", "rope.csv"))
7 head(dat_rope)
8 head(dat_catrate)
9 head(dat_delomys)
10 plot(dat_catrate$cat.rate, main = "Cat.Rate Plot | Matthew Larosee")
11 |
```

**Bonnie Turek:**

```
#load the required here package into use
```

```
require(here)
```

```
#create three data frames to read the datasets in
```

```
dat_catrate <- read.csv(here("data", "catrate.csv"))
```

```
dat_delomys <- read.csv(here("data", "delomys.csv"))
```

```
dat_rope <- read.csv(here("data", "rope.csv"))
```

```
#view the first several lines of the data
```

```
head(dat_catrate)
```

```
head(dat_delomys)
```

```
head(dat_rope)
```

```
#create a scatterplot of the striped atlantic forest rat body length versus body mass
```

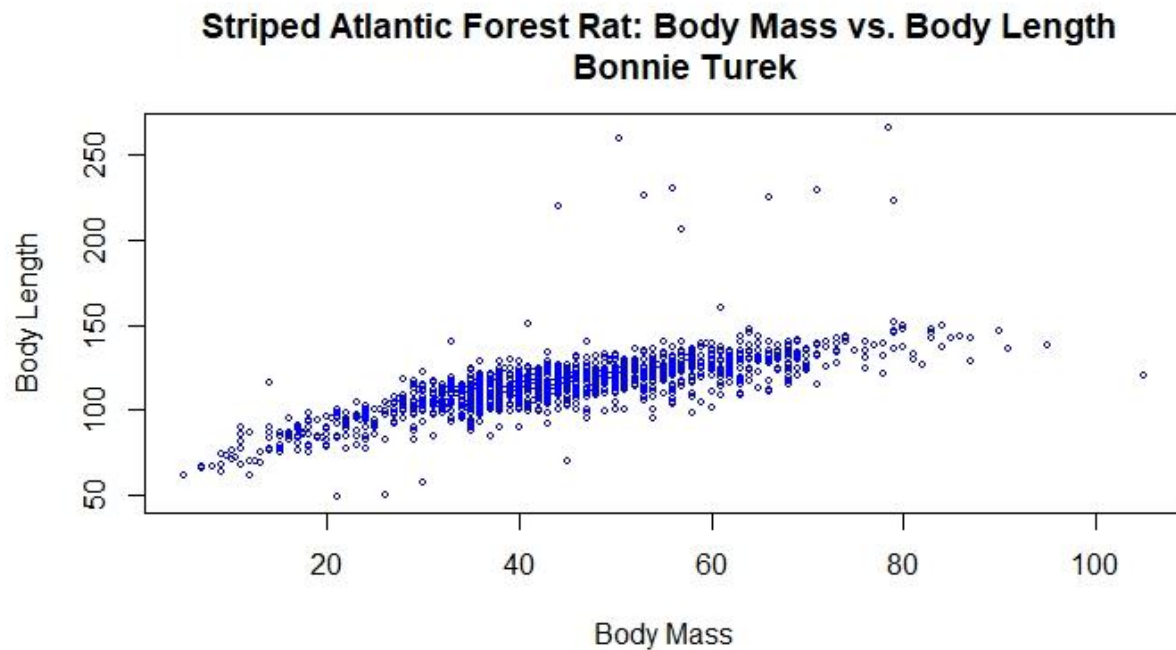
```
plot(dat_delomys$body_mass, dat_delomys$body_length,
```

```
  main = "Striped Atlantic Forest Rat: Body Mass vs. Body Length
```

```
  Bonnie Turek",
```

```
  xlab = "Body Mass", ylab = "Body Length",
```

```
  cex = 0.6, col = "blue")
```

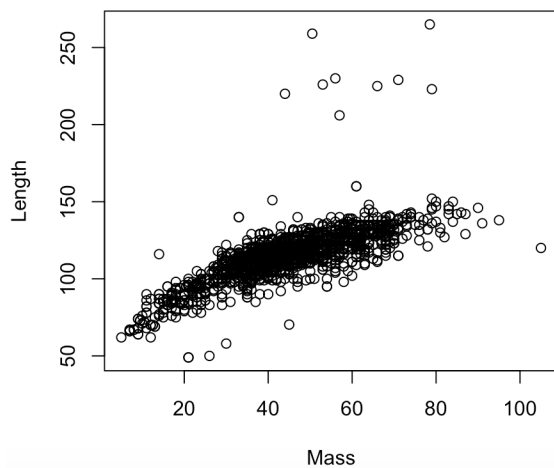


## Delomys

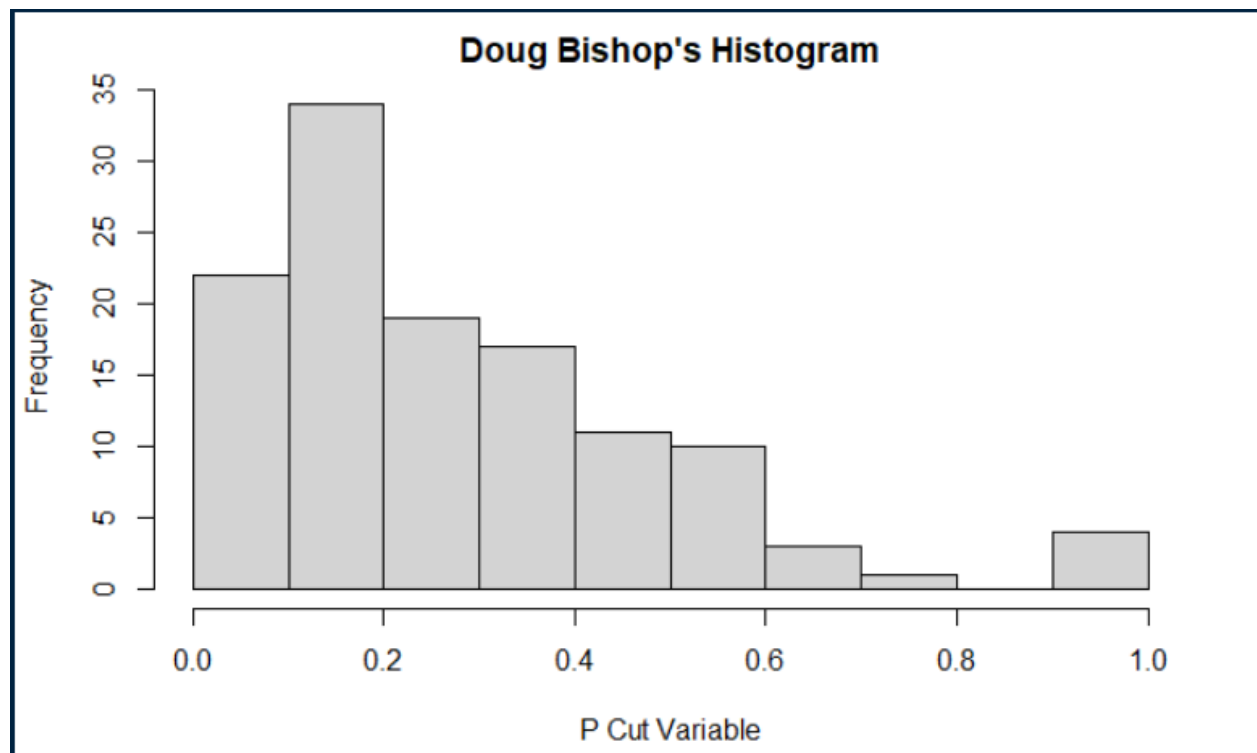
Joshua Ward

```
1 install.packages("here")
2 require(here)
3 #castrate
4 read.csv(here("data", "catrate.csv"))
5 dat_catrate = read.csv(here("data", "catrate.csv"))
6 head(dat_catrate) #4column
7 #delomys
8 read.csv(here("data", "delomys.csv"))
9 dat_delomys = read.csv(here("data", "delomys.csv"))
10 head(dat_delomys) #5column
11 #rope
12 read.csv(here("data", "rope.csv"))
13 dat_rope = read.csv(here("data", "rope.csv"))
14 head(dat_rope) #6column
15 #Scatter Delomys:
16 plot(x= dat_delomys$body_mass, y= dat_delomys$body_length, main = "Body Mass vs Body Length | Joshua Ward", xlab = "Mass", ylab = "Length")
17 |
```

Body Mass vs Body Length | Joshua Ward



Doug Bishop



```
library(here)
```

```
dat_caltrate <- read.csv(here("data","catrate.csv"))  
dat_rope <- read.csv(here("data","rope.csv"))  
dat_delomys <- read.csv(here("data","delomys.csv"))
```