

Sep_10_ClassNotes

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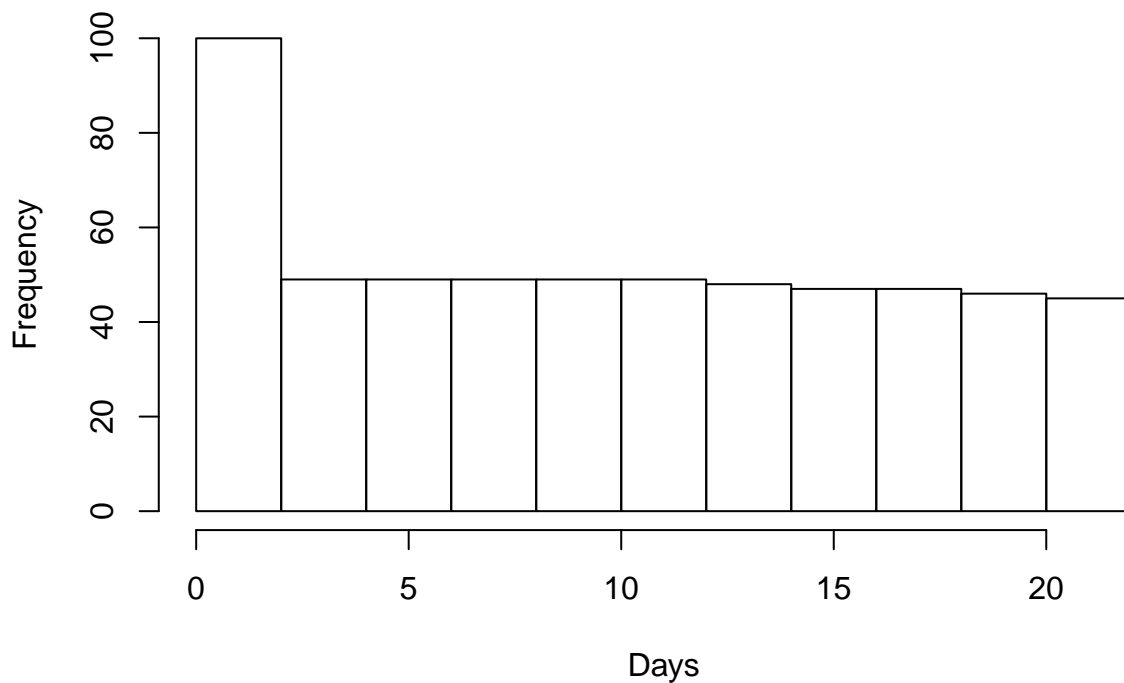
Centering and scaling predictors

provide more control on the predictors thus results in better interpretation of the outcome

```
ChickData = ChickWeight  
weight = ChickData$weight  
Days = ChickData$Time
```

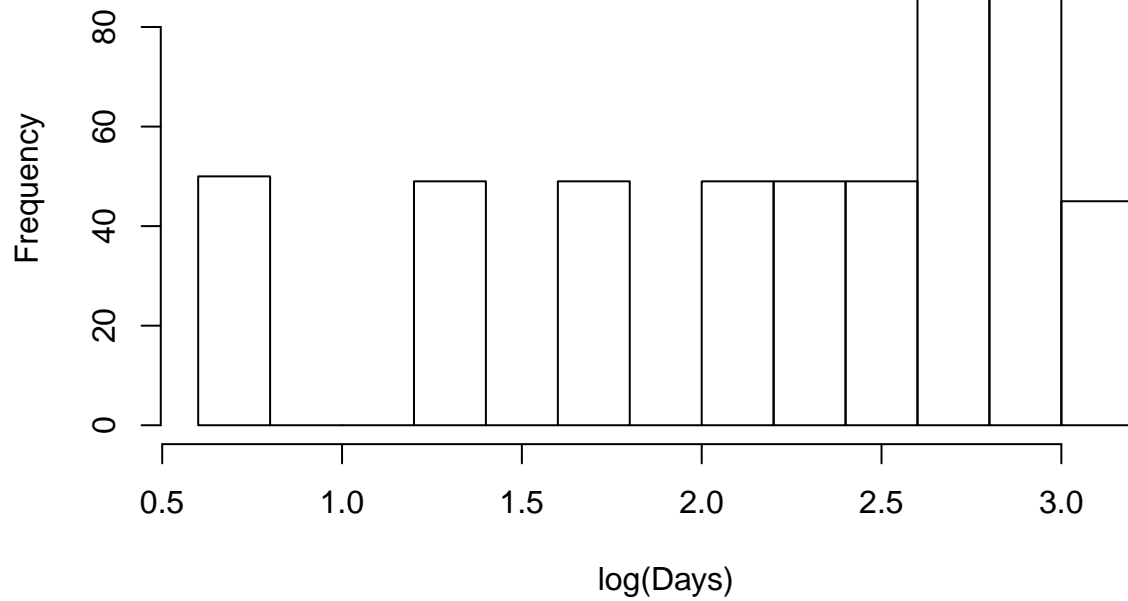
```
hist(Days)
```

Histogram of Days



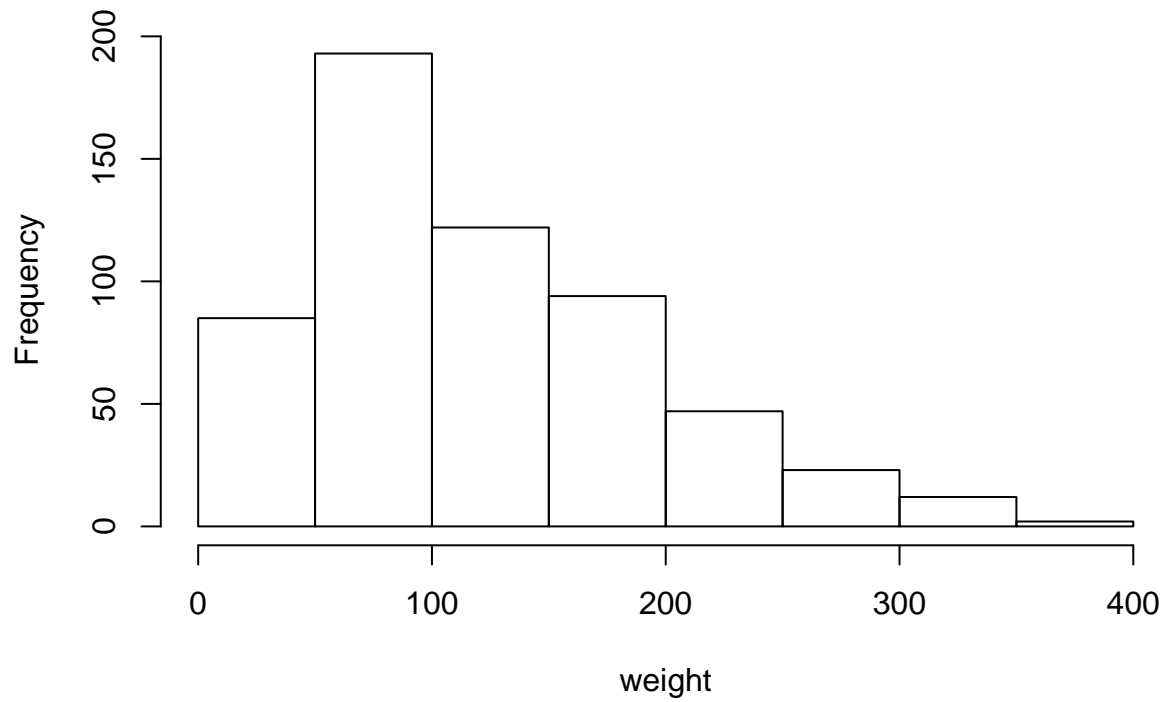
```
hist(log(Days))
```

Histogram of log(Days)



```
hist(weight)
```

Histogram of weight



```
hist(log(weight))
```

Histogram of $\log(\text{weight})$

