

# A34\_Hoermann

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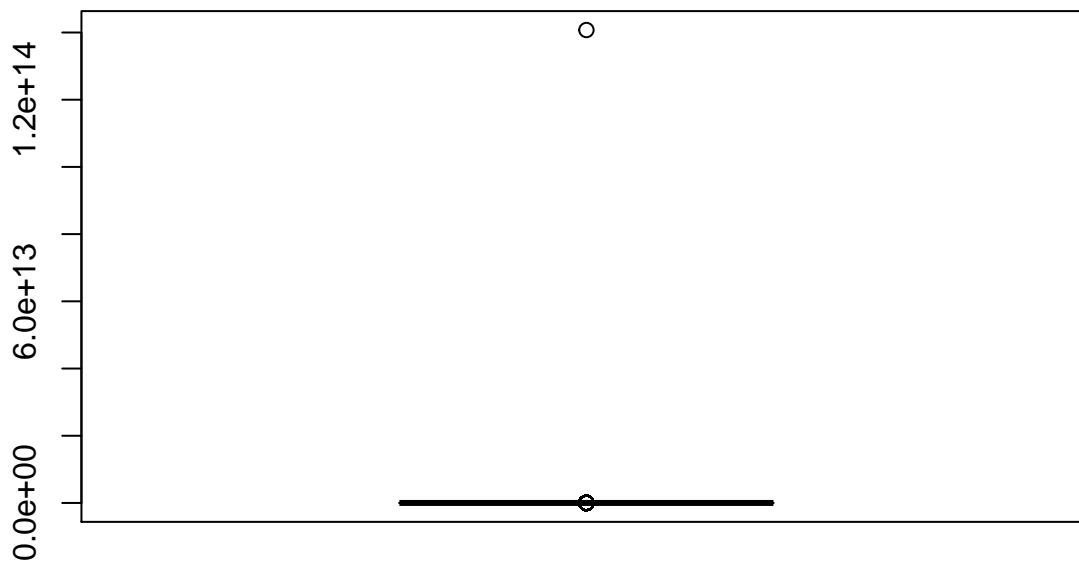
```
library(data.table)
library(DescTools)
```

```
##
## Attaching package: 'DescTools'
## The following object is masked from 'package:data.table':
##
##      %like%
```

```
data = read.csv('sizes.csv')
data = as.numeric(data[,1])
data.table(Mean=mean(data), Median=median(data), IQR=IQR(data), SD=sd(data))
```

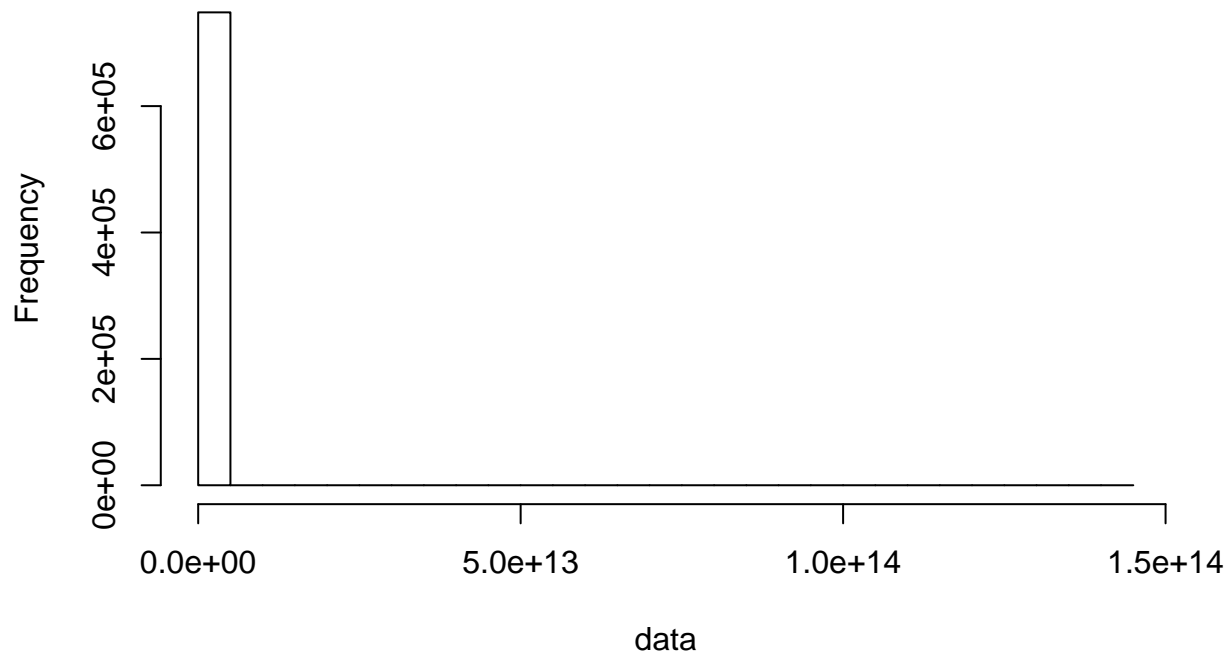
```
##           Mean Median  IQR          SD
## 1: 188127746   1685 4516 162684133224
```

```
boxplot(data)
```



```
hist(x = data)
```

## Histogram of data

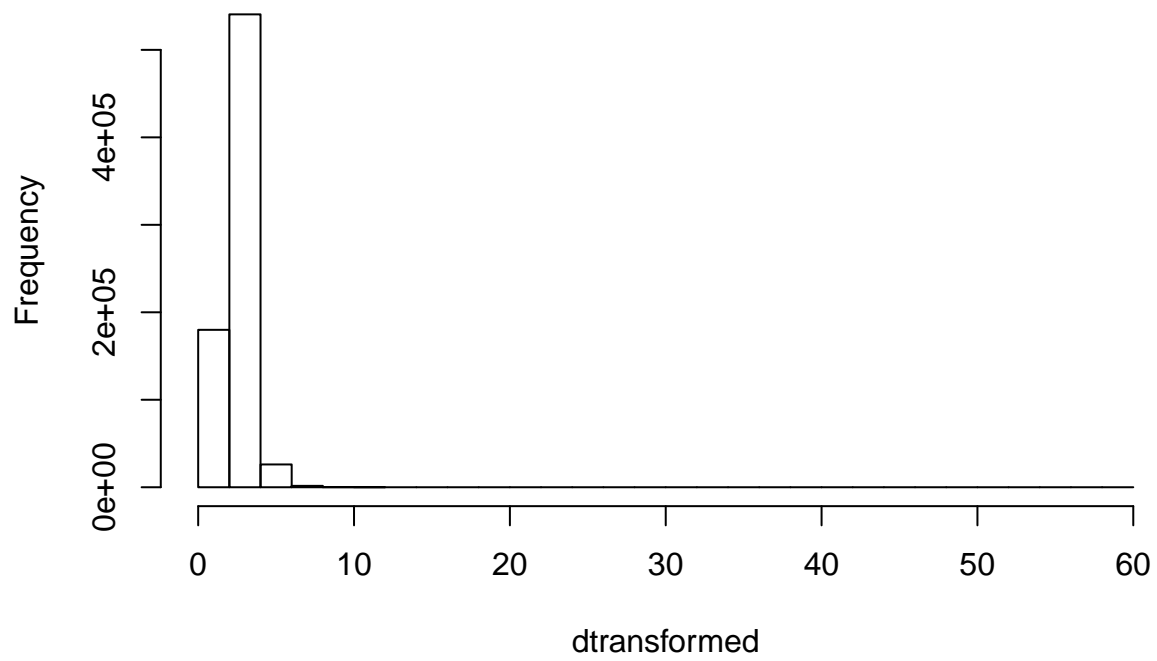


```
dtransformed = sqrt(sqrt(sqrt(data)))
data.table(Mean=mean(dtransformed), Median=median(dtransformed), IQR=IQR(dtransformed), SD=sd(dtransformed))

##           Mean      Median      IQR      SD
## 1: 2.244178 2.531191 0.8275702 1.24201

hist(dtransformed)
```

## Histogram of dtransformed



```
boxplot(dtransformed)
```

