Week 4 Assignment 2

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Binomial

```
binomial <- read.csv("~/Desktop/R-Week4/Binomial.csv")
mean(binomial[,1])
```

```
## [1] 70.16717
```

```
var(binomial[,1])
```

```
## [1] 22.01111
```

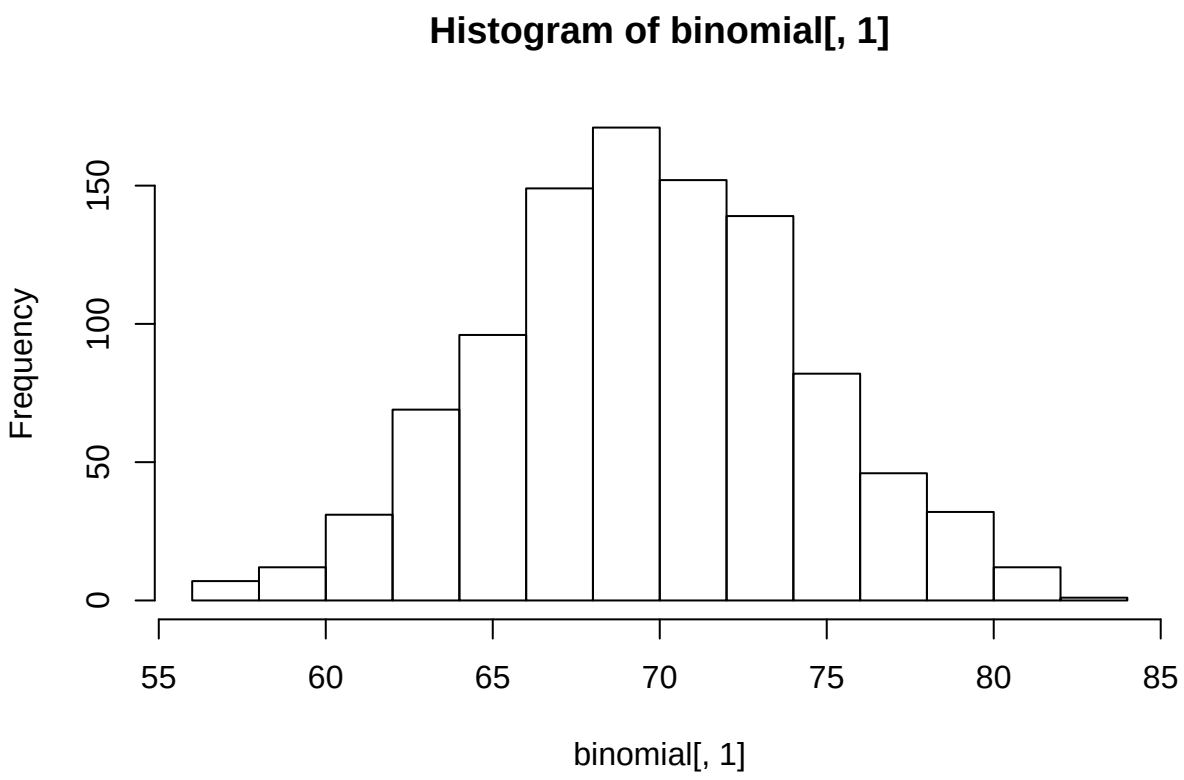
```
sd(binomial[,1])
```

```
## [1] 4.691599
```

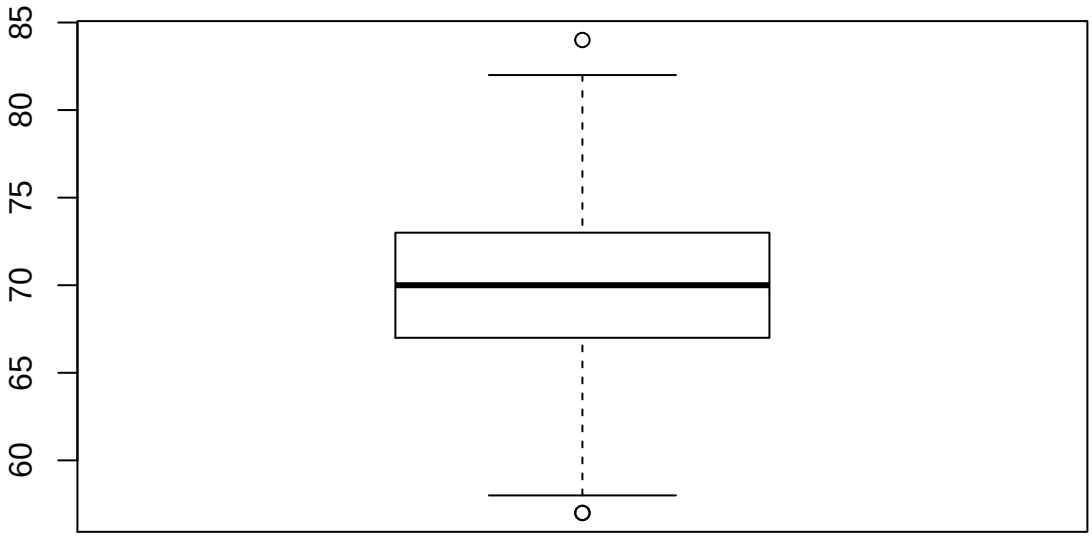
```
summary(binomial)
```

```
##       X71
##  Min.   :57.00
##  1st Qu.:67.00
##  Median :70.00
##  Mean   :70.17
##  3rd Qu.:73.00
##  Max.   :84.00
```

```
hist(binomial[,1])
```




```
boxplot(binomial)
```



BN1

```
bn1 <- read.csv("~/Desktop/R-Week4/bn1.csv")
mean(bn1[,1])
```

```
## [1] 9.994326
```

```
var(bn1)
```

```
##              X10.11217155
## X10.11217155     4.001467
```

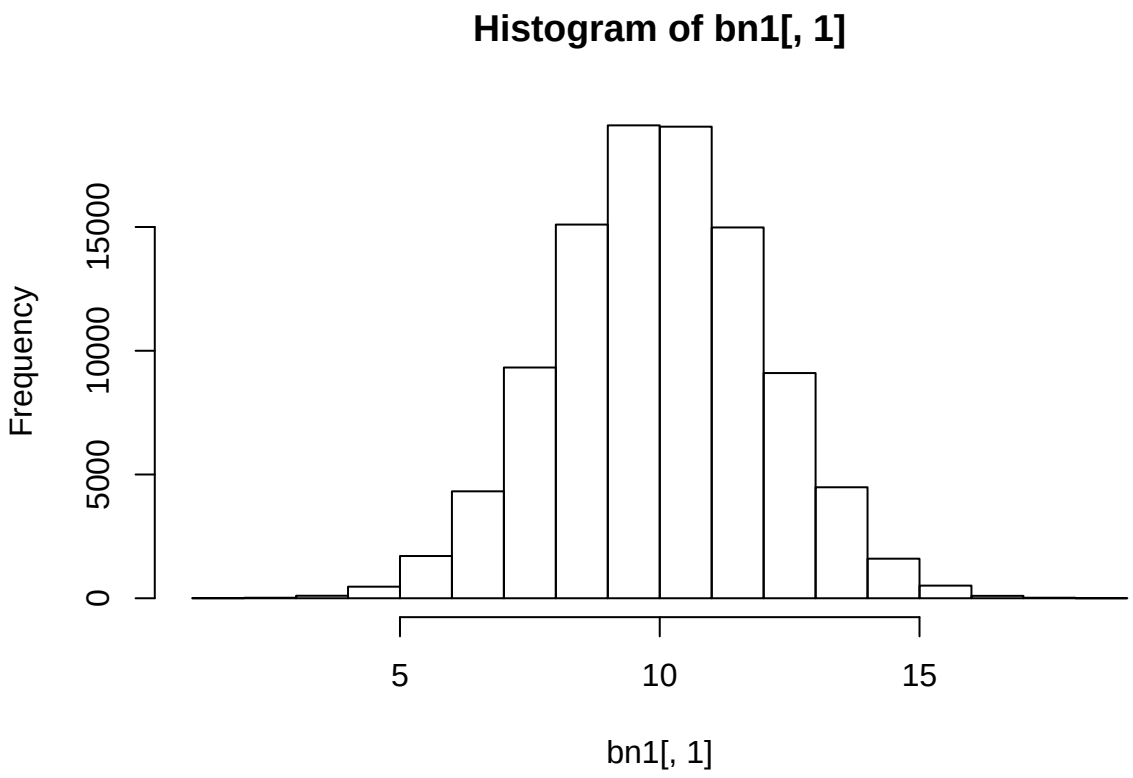
```
sd(bn1[,1])
```

```
## [1] 2.000367
```

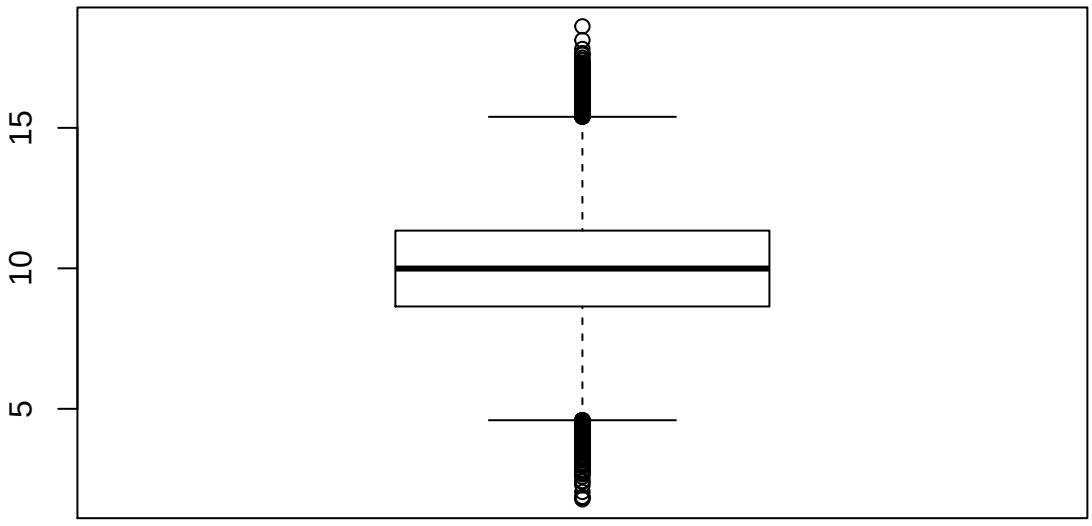
```
summary(bn1)
```

```
##   X10.11217155
##  Min.   : 1.781
##  1st Qu.: 8.643
##  Median : 9.993
##  Mean   : 9.994
##  3rd Qu.:11.343
##  Max.   :18.612
```

```
hist(bn1[,1])
```




```
boxplot(bn1)
```



BN2

```
bn2 <- read.csv("~/Desktop/R-Week4/BN2.csv")
mean(bn2[,1])
```

```
## [1] 10.99686
```

```
var(bn2[,1])
```

```
## [1] 0.9989498
```

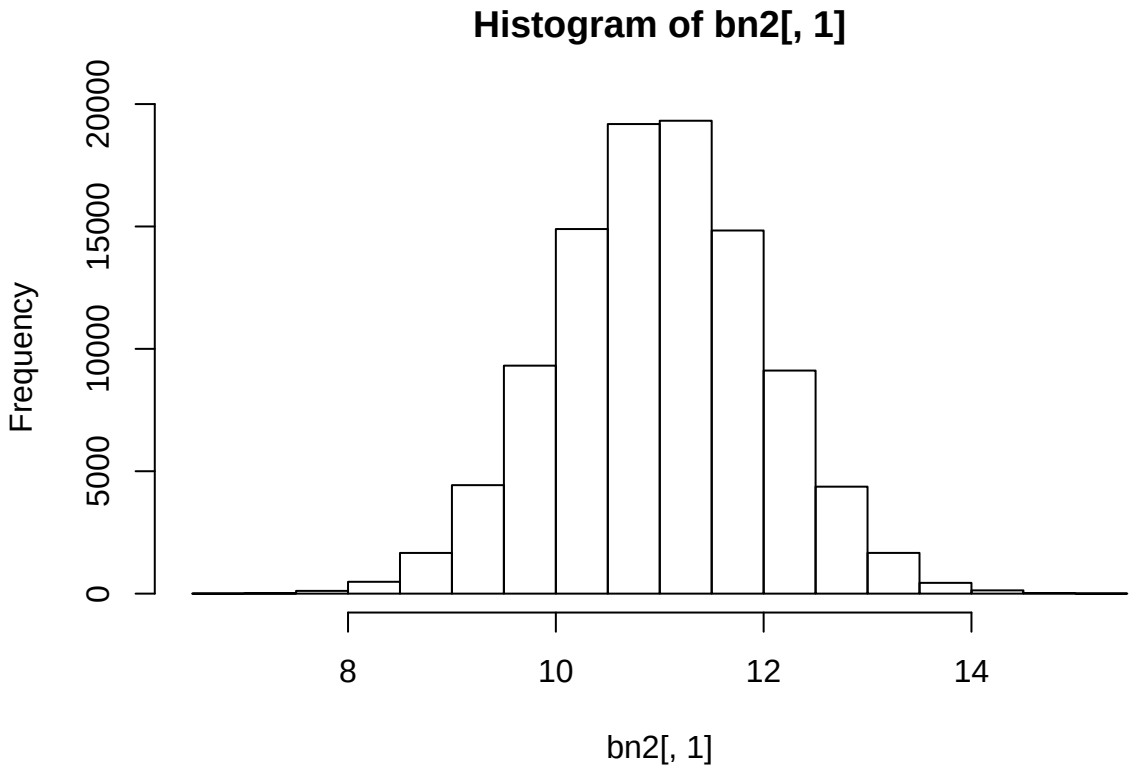
```
sd(bn2[,1])
```

```
## [1] 0.9994748
```

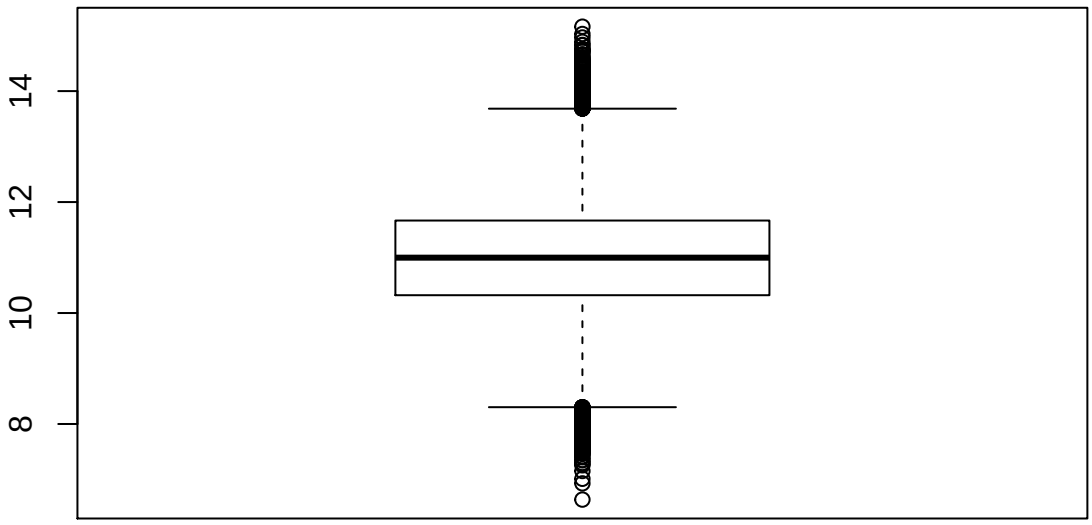
```
summary(bn2)
```

```
##   X11.56931544
##  Min.   : 6.638
##  1st Qu.:10.321
##  Median :10.998
##  Mean   :10.997
##  3rd Qu.:11.667
##  Max.   :15.161
```

```
hist(bn2[,1])
```




```
boxplot(bn2)
```



In

```
In <- read.csv("~/Desktop/R-Week4/IN.csv")
mean(In[,1])
```

```
## [1] 18.99296
```

```
var(In[,1])
```

```
## [1] 19.0324
```

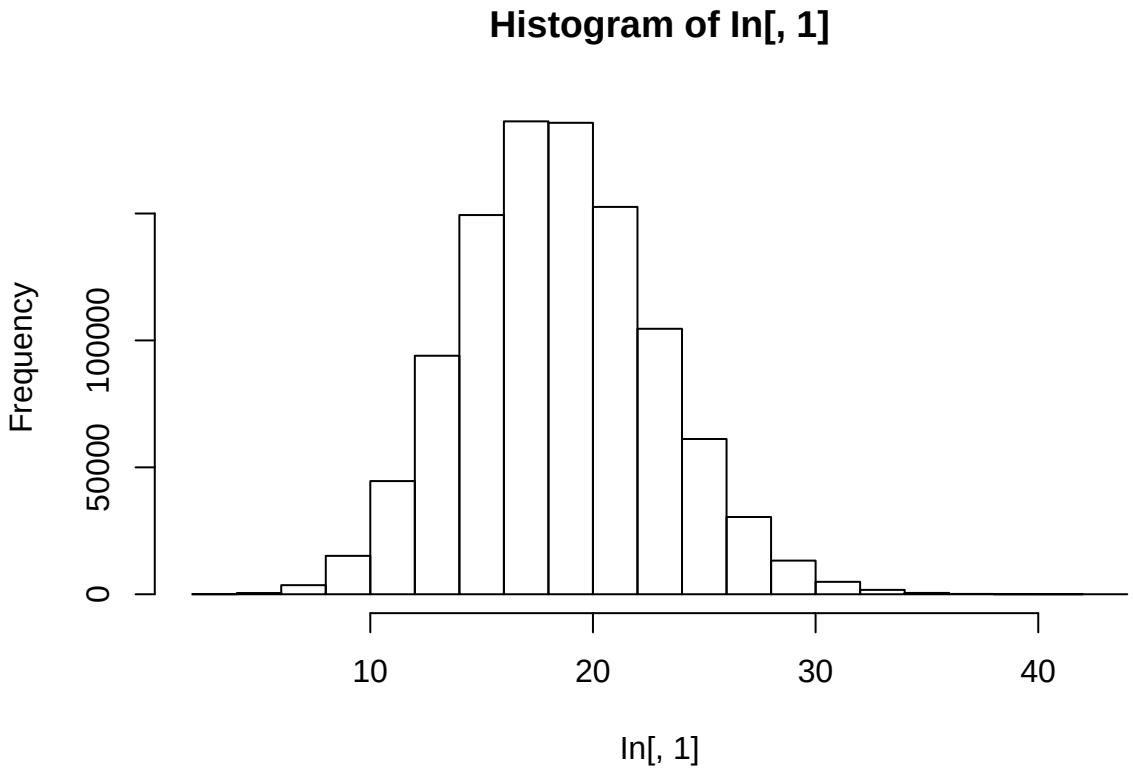
```
sd(In[,1])
```

```
## [1] 4.362614
```

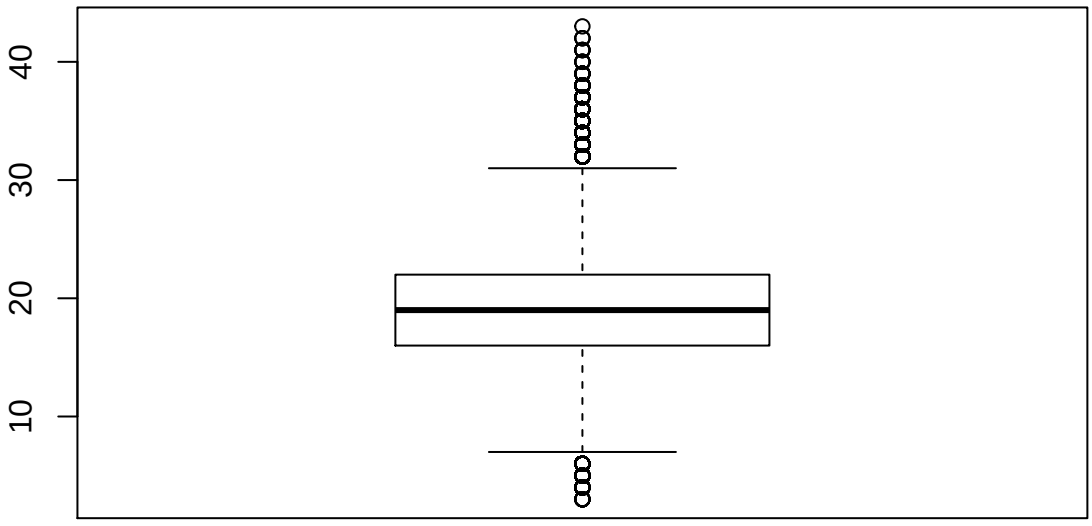
```
summary(In)
```

```
##       X20
##  Min.   : 3.00
##  1st Qu.:16.00
##  Median :19.00
##  Mean   :18.99
##  3rd Qu.:22.00
##  Max.   :43.00
```

```
hist(In[,1])
```




```
boxplot(In)
```



N1

```
N1 <- read.csv("~/Desktop/R-Week4/N1.csv")
mean(N1[,1])
```

```
## [1] 10.09958
```

```
var(N1[,1])
```

```
## [1] 3.902141
```

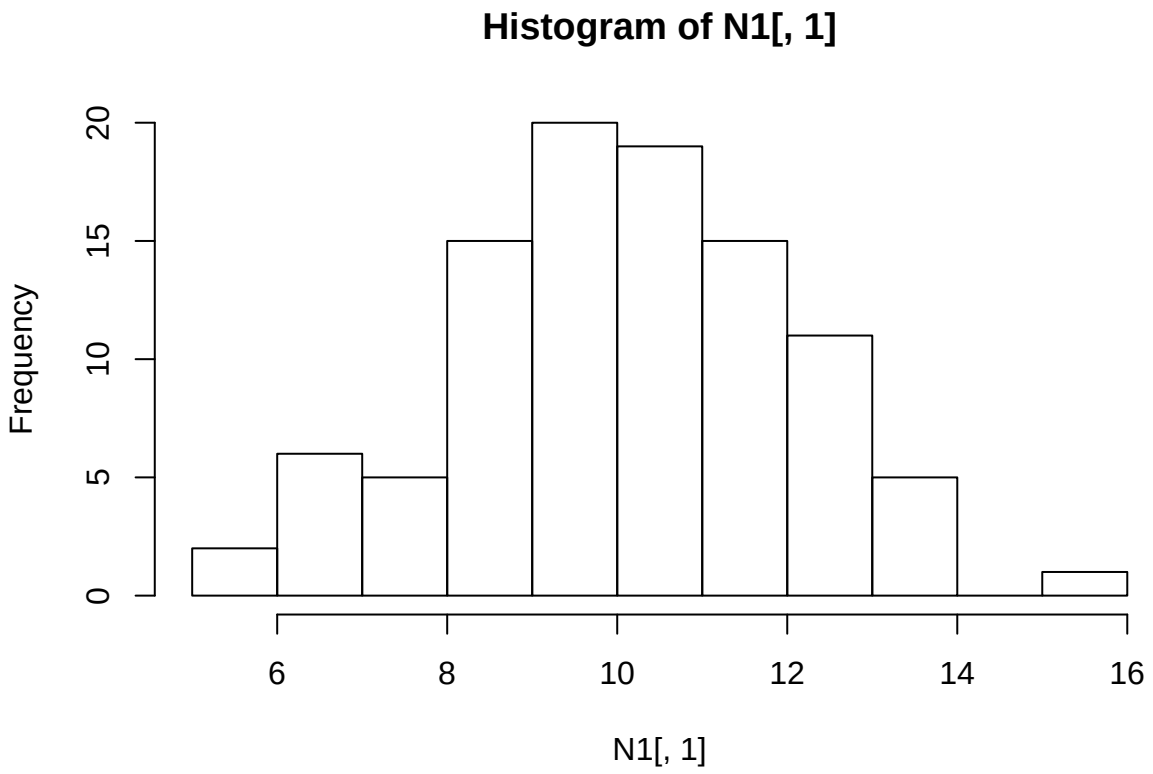
```
sd(N1[,1])
```

```
## [1] 1.975384
```

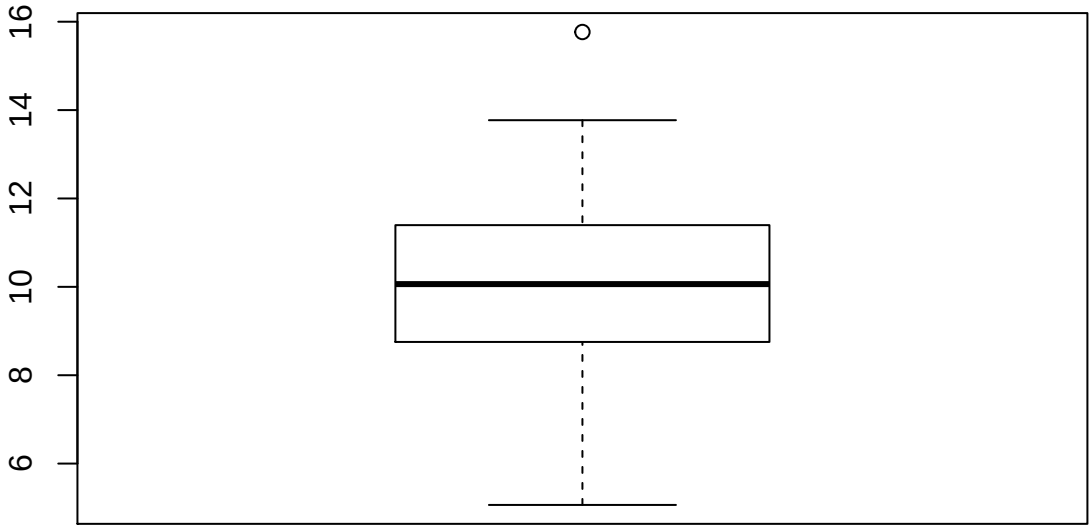
```
summary(N1)
```

```
##   X13.56535447
##  Min.   : 5.064
##  1st Qu.: 8.753
##  Median :10.062
##  Mean   :10.100
##  3rd Qu.:11.397
##  Max.   :15.767
```

```
hist(N1[,1])
```




```
boxplot(N1)
```



N2

```
N2 <- read.csv("~/Desktop/R-Week4/N2.csv")
mean(N2[,1])
```

```
## [1] 11.68348
```

```
var(N2[,1])
```

```
## [1] 18.54115
```

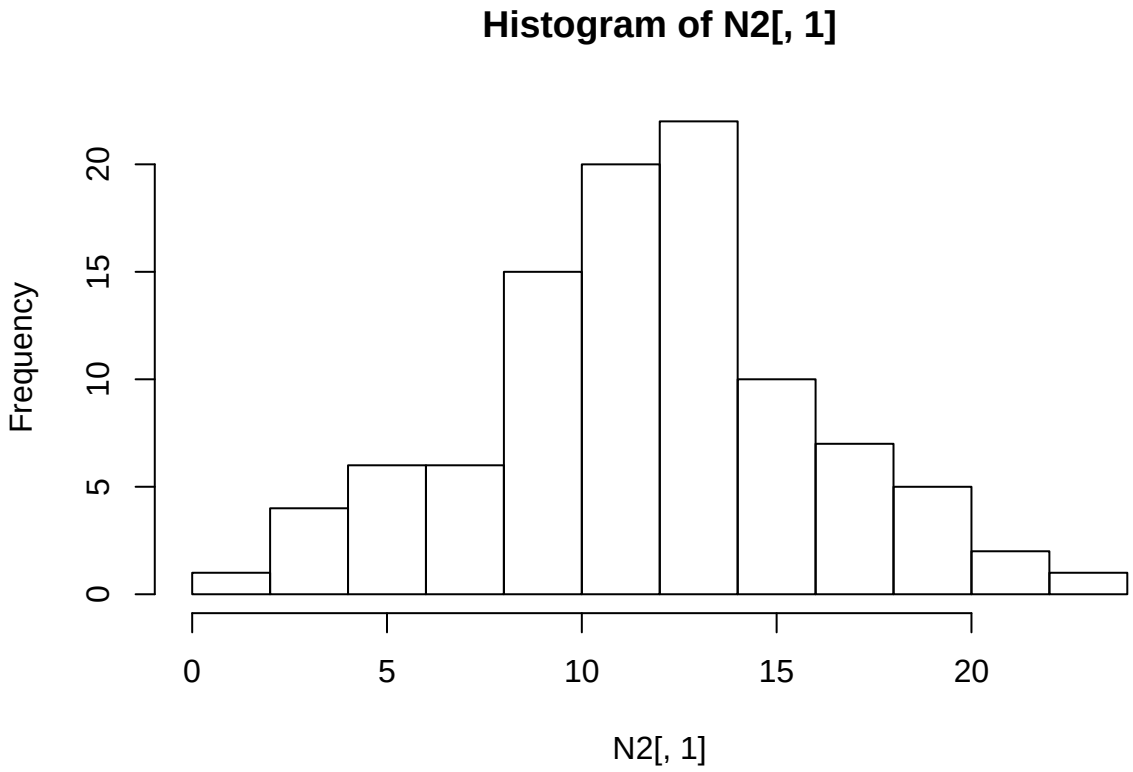
```
sd(N2[,1])
```

```
## [1] 4.305943
```

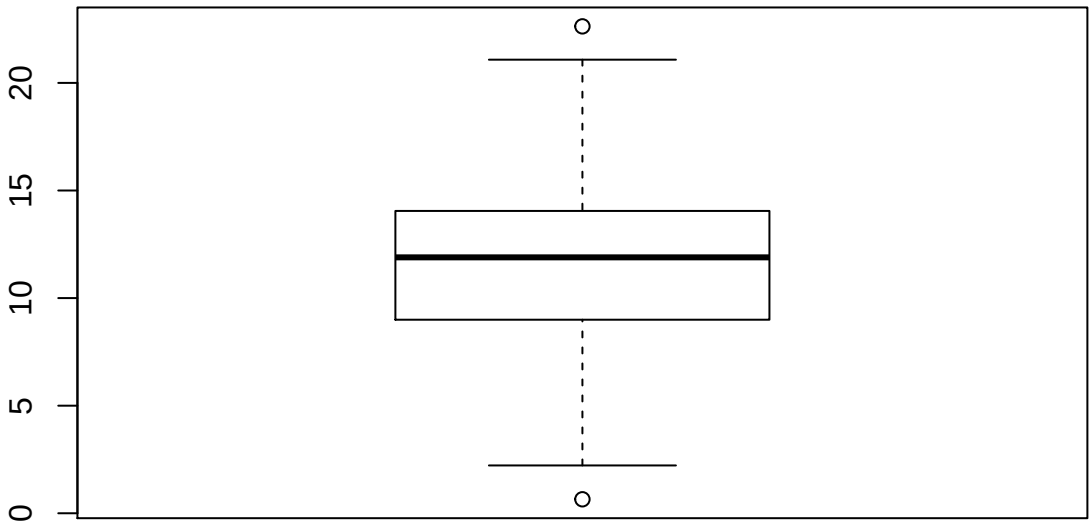
```
summary(N2)
```

```
##   X14.15712551
##  Min.   : 0.6503
##  1st Qu.: 8.9959
##  Median :11.8934
##  Mean   :11.6835
##  3rd Qu.:14.0504
##  Max.   :22.6275
```

```
hist(N2[,1])
```




```
boxplot(N2)
```



End