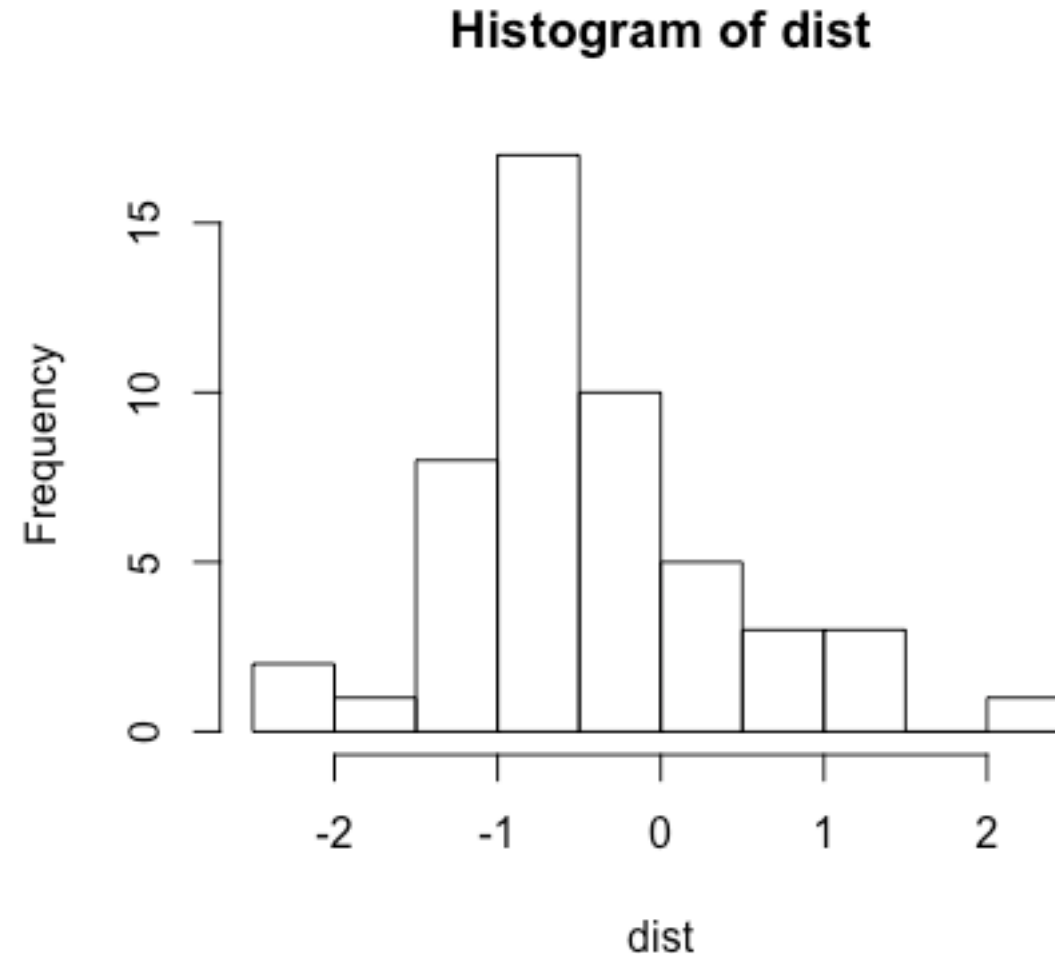


- We can map our random sample onto a new variable I'm calling `dist` and then plot a histogram of the values. Here is a $N = 50$ sample.

```
> set.seed(1234)
```

```
> dist <- rnorm(50, 0, 1)
```

```
> hist(dist)
```



- The larger the sample the more representative it is of the population it is drawn from. Here is a $N = 5$ million sample from the standard normal distribution.

```
> set.seed(1234)
```

```
> dist <- rnorm(5000000, 0, 1)
```

```
> hist(dist, breaks = 1000)
```

