

Statistical Inference: Peer Assessment 1

```
library(ggplot2)

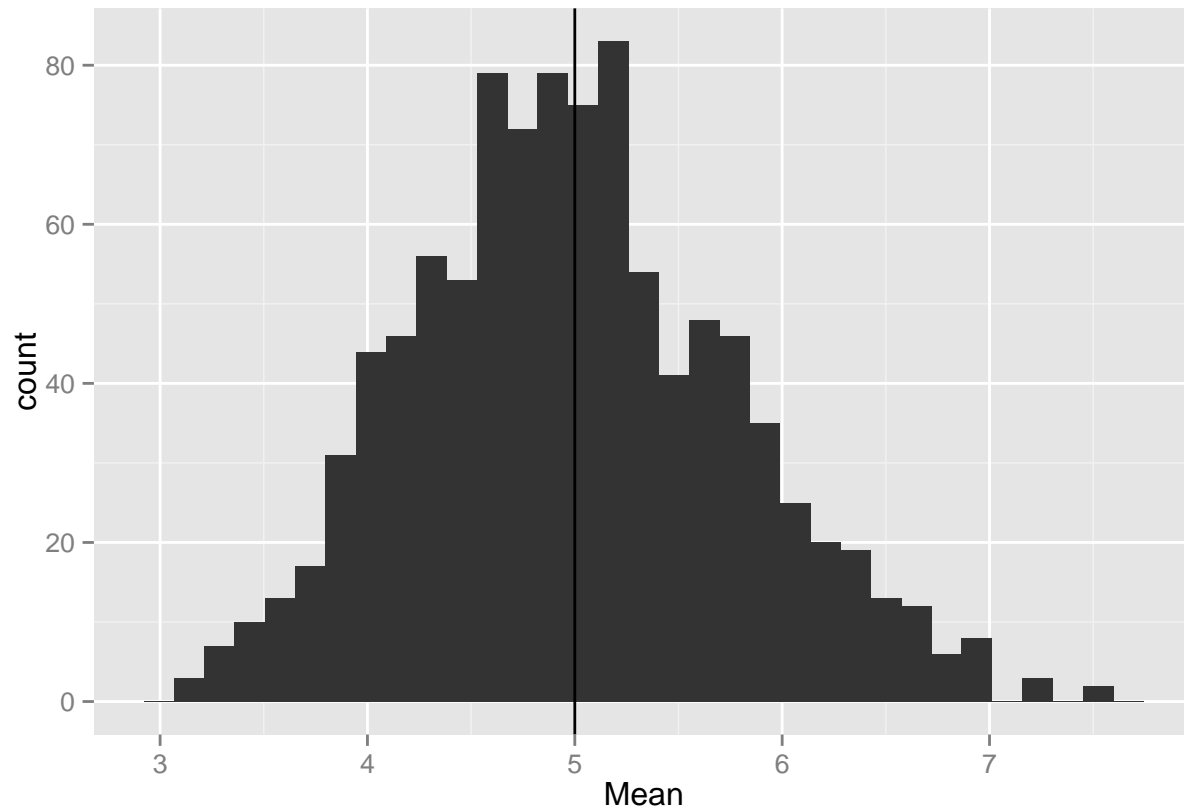
set.seed(1)

Mean <- NULL

for(i in 1:1000)
{
  Mean <- c(Mean, mean(rexp(40, 0.2)))
}

qplot(Mean) + geom_vline(xintercept = 1/0.2)
```

stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.



```
Variance <- NULL

for(i in 1:1000)
{
  Variance <- c(Variance, var(rexp(40,0.2)))
}

qplot(Variance)
```

```
## stat_bin: binwidth defaulted to range/30. Use 'binwidth = x' to adjust this.
```

