

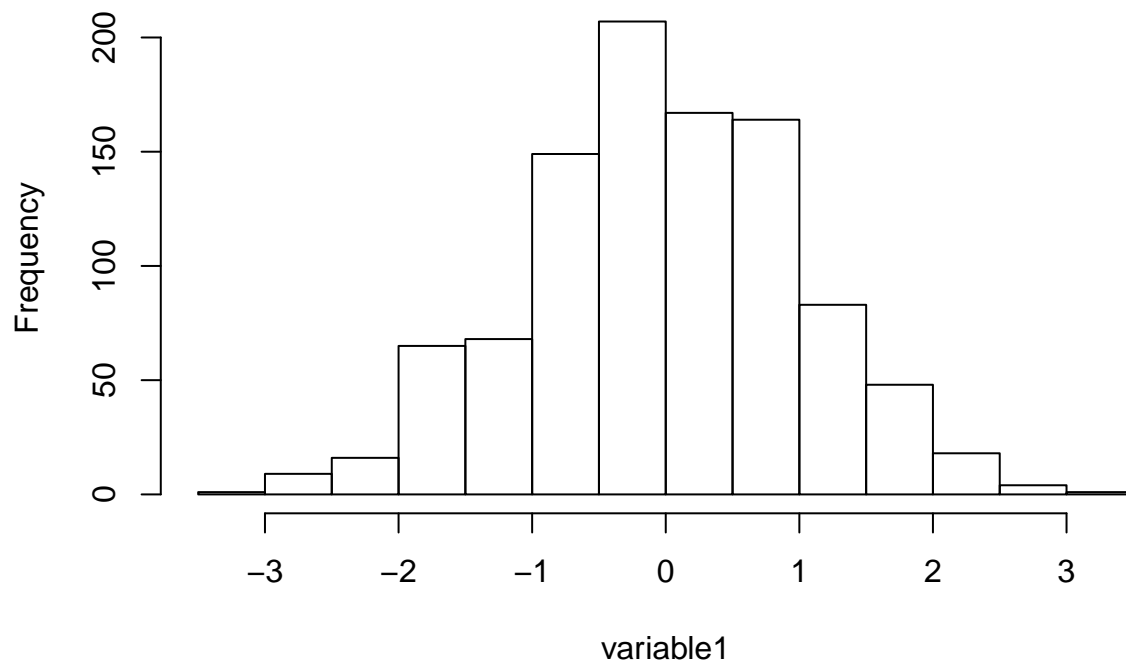
moncada-cristobal-estadistica-leiva.R

rstudio-user

2019-12-30

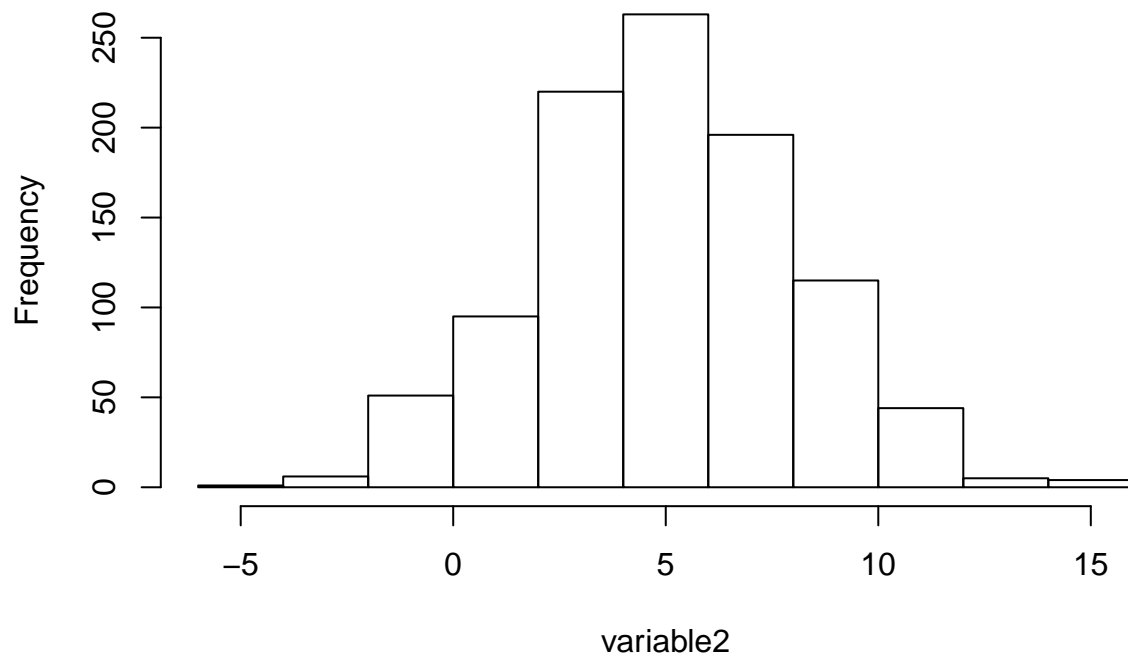
```
#Preguntas:  
#1  
variable1=rnorm(1000) #Distribucion normal estandar  
  
variable2=rnorm(1000,5,3) #Dist. normal con valor esperado y varianza(sd)  
  
#Histograma para cada variable:  
hist(variable1)
```

Histogram of variable1



```
hist(variable2)
```

Histogram of variable2



#2

```
vara=rexp(500,1/20)
mean(vara) #Es menor al valor esperado
```

```
## [1] 19.2803
```

```
quantile(vara)
```

```
##          0%          25%          50%          75%         100%
## 0.02367908  5.14892291 13.06939072 27.35929525 94.26600493
```

```
boxplot(vara) #Existen varios valores extremos
```

