Homework 1 (part 2)

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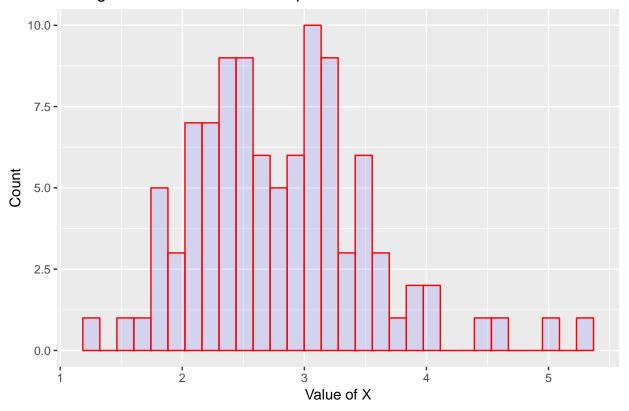
This is a quick introductory exercise to publish a reproducible Rmarkdown document to github.

Artificial Sample Generation of X

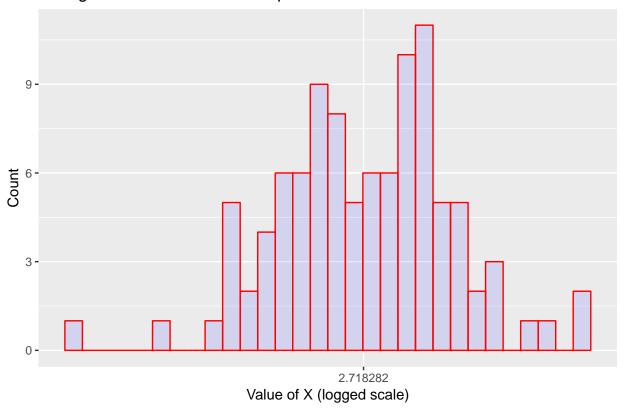
```
#Create an HTML/PDF document that samples 100 values from a log-normal distribution
# (say, mu=1, sigma=.25);
X <- rlnorm(100, meanlog = 1, sdlog = .25)</pre>
```

Visual Output of the Artificial Random Variable

Histogram for the Artificial Sample



Histogram for the Artificial Sample



Incorporating Reproducible Results into the Text

report the mean and variance of the sample in line in the text.

The mean of the artificial sample is 2.8144966; and the variance of the sample is 0.5223234.