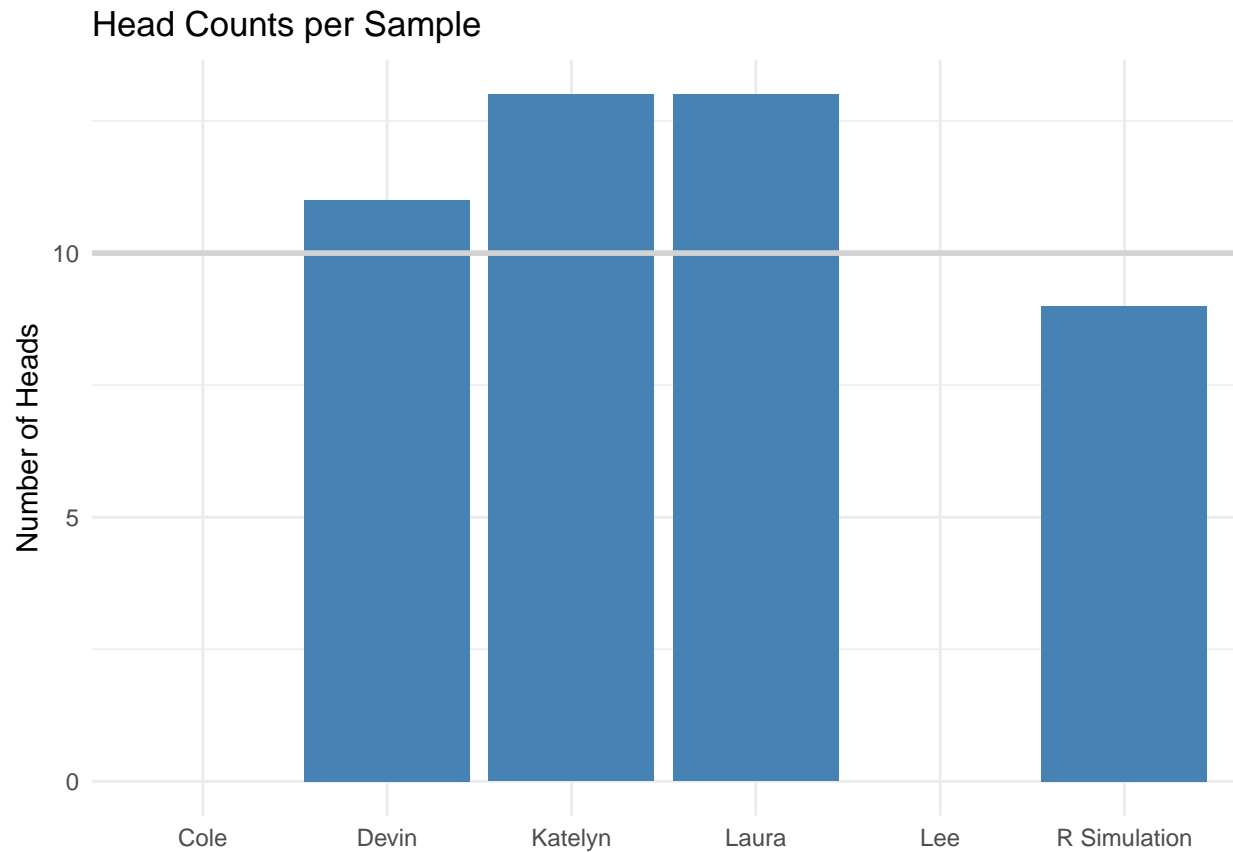# Experiment Results

The following table lists the results of each team member independently flipping a fair coin 20 times. An additional sample created from rbinom() is included to compare R's psuedo-random algorithm:

Table 1: Table of Results (0 = Tails, 1 = Heads)

name	heads	tails	percentHeads	trialError
Katelyn	13	7	0.65	3
Laura	13	7	0.65	3
Devin	11	9	0.55	1
Cole	NaN	NaN	NaN	NaN
Lee	NaN	NaN	NaN	NaN
R Simulation	9	11	0.45	1

Head Counts per Sample


```
##     Min. 1st Qu.  Median    Mean 3rd Qu.    Max.    NA's
##      9.0    10.5    12.0    11.5    13.0    13.0       2
```

Here we are interested in the number of heads that appear and each of the 6 independent trials are binomially distributed with $n = 20$ and $p = 0.5$. Our sample mean $\bar{x} = \text{NaN}$ and sample error is $\sigma_{\bar{x}} = \text{NaN}$.