Lecture04FakeHWSolutions

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Problem 1

Solution to (A)

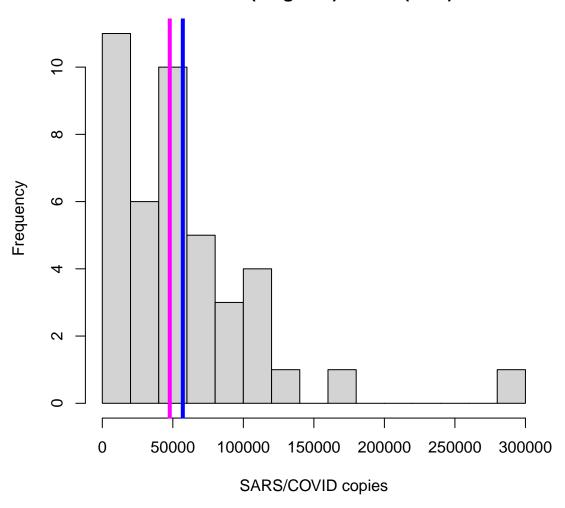
Having created the subset of data (RNATest) following the homework instructions. Here are the mean and median.

```
mean( RNATest)
## [1] 57083.31
median(RNATest)
## [1] 47826.35
```

We see that the mean is larger.

Solution to (B)

Boulder utility WW measurements median (magenta) mean (blue)



Solution to (C)

max(RNATest)

[1] 281157.4

Based on the shape of this histogram I see many values clustered below about 125,000 and some larger values beyond that. However, the maximum value, ($\approx 281,000$) seems to be much larger relative to the others and should be examined more closely.