

The Law of Large Numbers

The rule of large numbers:

The larger the sample size the higher the accuracy

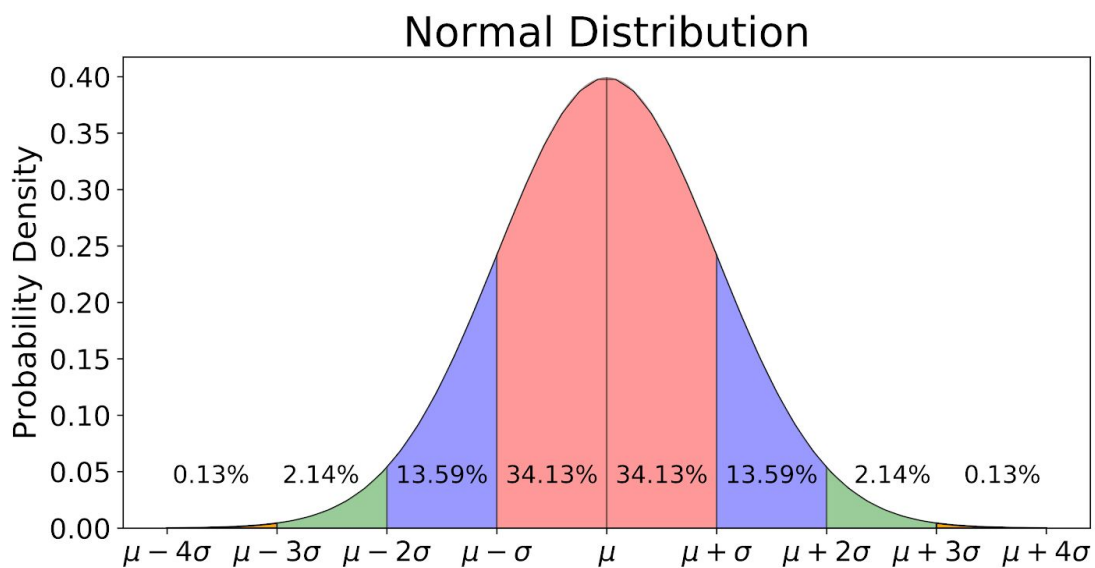
Eg: coin flip, you expect there to be 50/50 chance for heads or tails

But for ten coins it could be 80/20

However, the closer to infinity you go with your number of attempts the closer you should be to 50/50.

Thus: 100 tries- 52/48, so on and so forth

Normal Distribution



When you use `rnorm` in R- you are randomly getting a number from the above range. The chance you have to get the number also depends on the graph above.