Monday, June 3, 2019 6:21 PM

See code:

N = 10: Least squares estimate of c is mean 0.07 with std dev 0.44 N = 100: Least squares estimate of c is mean 0.09 with std dev 0.09 N = 1000: Least squares estimate of c is mean 0.10 with std dev 0.03

Again, we see that having more data makes our estimates better (closer to true value of c = 0.10 and smaller standard deviation).