

66. To estimate $E[X]$, you have simulated X_1, X_2, X_3, X_4 and X_5 with the following results:

1 2 3 4 5

You want the standard deviation of the estimator of $E[X]$ to be less than 0.05.

Estimate the total number of simulations needed.

- (A) Less than 150
- (B) At least 150, but less than 400
- (C) At least 400, but less than 650
- (D) At least 650, but less than 900
- (E) At least 900