

250. You have observed the following three loss amounts:

186 91 66

Seven other amounts are known to be less than or equal to 60. Losses follow an inverse exponential with distribution function

$$F(x) = e^{-\theta/x}, \quad x > 0$$

Calculate the maximum likelihood estimate of the population mode.

- (A) Less than 11
- (B) At least 11, but less than 16
- (C) At least 16, but less than 21
- (D) At least 21, but less than 26
- (E) At least 26