

158. You are given:

- (i) The following is a sample of 15 losses:

11, 22, 22, 22, 36, 51, 69, 69, 69, 92, 92, 120, 161, 161, 230

- (ii) $\hat{H}_1(x)$ is the Nelson-Aalen empirical estimate of the cumulative hazard rate function.
- (iii) $\hat{H}_2(x)$ is the maximum likelihood estimate of the cumulative hazard rate function under the assumption that the sample is drawn from an exponential distribution.

Calculate $|\hat{H}_2(75) - \hat{H}_1(75)|$.

- (A) 0.00
- (B) 0.11
- (C) 0.22
- (D) 0.33
- (E) 0.44