

Question #252

Key: B

The uncensored observations are 4 and 8 (values beyond 11 are not needed). The two r values are 10 and 5 and the two s values are 2 and 1. The Kaplan-Meier estimate is

$$\hat{S}(11) = (8/10)(4/5) = 0.64 \text{ and Greenwood's estimate is } (0.64)^2 \left(\frac{2}{10(8)} + \frac{1}{5(4)} \right) = 0.03072 .$$