

**36.** For a survival study, you are given:

- (i) The Product-Limit estimator  $\hat{S}(t_0)$  is used to construct confidence intervals for  $S(t_0)$ .
- (ii) The 95% log-transformed confidence interval for  $S(t_0)$  is  $(0.695, 0.843)$ .

Determine  $\hat{S}(t_0)$ .

- (A) 0.758
- (B) 0.762
- (C) 0.765
- (D) 0.769
- (E) 0.779