

 $S(5) = S(4) \times (1 - \frac{d_2}{n_2})$ 

3/4● 0

 $\checkmark$  correct  $S(5)=(1-P(T=2|T>=2))\times (1-P(T=3|T>=3))\times (1-P(T=4|T>=4)\times (1-P(T=5|T>=5))\times (1-P(T=5|T>=5$  $-(1-\frac{1}{4})\times(1-\frac{1}{2})\times(1-0)\times(1-\frac{1}{1})$ =  $\frac{3}{4}$  imes  $\frac{2}{1}$  imes 1 =  $\frac{1}{2}$  imes 0.

We can reuse the intermediate quan Now,  $S(5)=S(4)\times(1-P(T=5|T>=5)$  Which is  $S(5)=S(4)\times0=0.0$ 

 $S(t) = \prod_{i=0}^{N} \left(1 - \frac{d_i}{n_i}\right)$ 

False

✓ Correct
This is true only if the last observation is not censored. If the last observation is censored, and if all the other
the terms in the Raplan-Meler estimate are greater than 0, then S(t) will be greater than 0 as well.