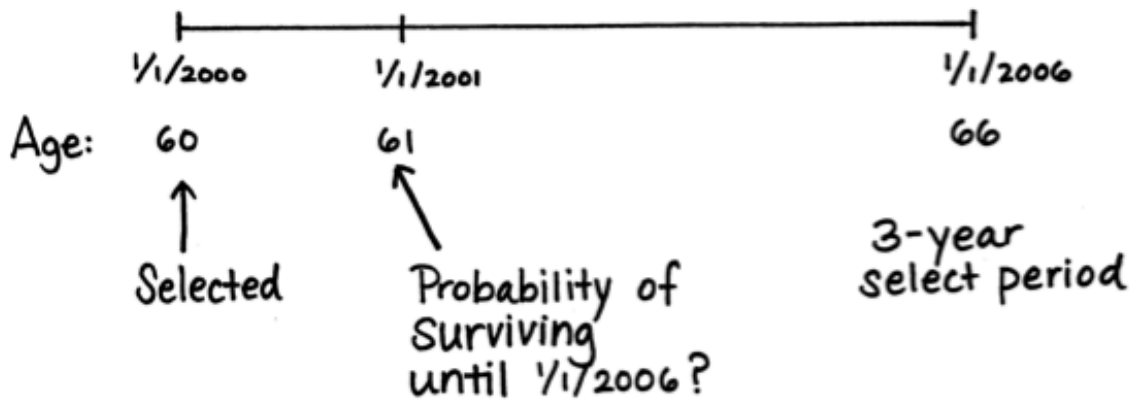


Solution #66



$$\begin{aligned}
 &= P_{[60]+1} \\
 &= P_{[60]+1} \cdot P_{[60]+2} \cdot \overbrace{P_{[60]+3}}^{=p_{63}} \cdot \overbrace{P_{[60]+4}}^{=p_{64}} \cdot \overbrace{P_{[60]+5}}^{=p_{65}} \\
 &= (1-q_{[60]+1}) \cdot (1-q_{[60]+2}) \cdot (1-q_{63}) \cdot (1-q_{64}) \cdot (1-q_{65}) \\
 &= (1-0.11) \cdot (1-0.13) \cdot (1-0.15) \cdot (1-0.16) \cdot (1-0.17) \\
 &= (0.89) \cdot (0.87) \cdot (0.85) \cdot (0.84) \cdot (0.83) \\
 &= 0.4589 \text{ (C)}
 \end{aligned}$$