Over a very long time period, what is the fraction of votes that end successfully?

Two time intervals per period:

Interval 1: Start of execution \[\rightarrow\] end of execution

Interval 2: Replacement of proc. with active faults.

3) Solve the diff. eqns. to find the trans. matrix over Interval 1

Write the matrix for Interval 2

Multiply to get the transition matrix from the end of one vote to the end of the next vote.
Let $\Pi_A$ be the steady-state prob. of sp. state being $A$ at the end of a vote.

$$\Pi_A = \sum_i \Pi_{i,A} \Pi_i$$

linear equation

$$\sum_i \Pi_i = 1$$