

..... Expected state
— Observed state
- - - Moment of failure

$S_0 = 0$ $S_1 = 1$ $S_2 = 1$ $S_3 = 4$ $S_4 = 4$ $S_5 = 15$ $S_6 = 15$ $S_7 = 0$ $S_8 = 4$
 $a_0 = 1$ $b_1 = 1$ $a_2 = 2$ $b_3 = 4$ $a_4 = 3$ $b_5 = 15$ $a_6 = 4$ $b_7 = 0$ $a_8 = 5$