State transition diagram with states S_c, $S_{\bar{c},\bar{a}}$, and $S_{\bar{c},a}$.

- S_c self-loop: $1 - P_{evict}$
- $S_c \to S_{\bar{c},\bar{a}}$: $P_{evict} P_{\bar{c},\bar{a}}$
- $S_c \to S_{\bar{c},a}$: $P_{evict}(1 - P_{\bar{c},\bar{a}})$
- $S_{\bar{c},a} \to S_c$: 1
- $S_{\bar{c},\bar{a}}$ self-loop: $P_{\bar{c},\bar{a}}$
- $S_{\bar{c},\bar{a}} \to S_{\bar{c},a}$: $1 - P_{\bar{c},\bar{a}}$