Table 1: The transition matrix $\tau(s_i'|s_i, s_j)$ of Model 1 starting from state $s_i = 2$ (violent)

s_i'	s_i	s_j	$\tau(s_i'|s_i, s_j)$	Illustration
-1	2	0	$1 - a$	myself violent, spouse neutral $\rightarrow$ passive: false passivity
0	2	0	0	myself violent, spouse neutral $\rightarrow$ normal: not contemplated
1	2	0	0	myself violent, spouse neutral $\rightarrow$ upset: not contemplated
2	2	0	a	myself violent, spouse neutral $\rightarrow$ aggressiveness
-1	2	-1	0	myself violent, spouse passive $\rightarrow$ passive: not contemplated
0	2	-1	0	myself violent, spouse passive $\rightarrow$ normal: non contemplated
1	2	-1	0	myself violent, spouse passive $\rightarrow$ upset: not contemplated
2	2	-1	1	myself violent, spouse passive $\rightarrow$ violent: aggressiveness (absorbing state)
-1	2	1	1-a	myself violent, spouse upset $\rightarrow$ passive: false passivity
0	2	1	0	myself violent, spouse upset $\rightarrow$ normal: not contemplated
1	2	1	0	myself violent, spouse upset $\rightarrow$ upset: not contemplated
2	2	1	a	myself violent, spouse upset $\rightarrow$ violent: aggressiveness
-1	2	2	0	myself violent, spouse violent $\rightarrow$ passive: not contemplated
0	2	2	0	myself violent, spouse violent $\rightarrow$ normal: not contemplated
1	2	2	0	myself violent, spouse violent $\rightarrow$ upset: not contemplated
2	2	2	1	myself violent, spouse violent $\rightarrow$ violent: prelude to separation (absorbing sta