

Table 1: The transition matrix $\tau_3(s'_i|s_i, s_j)$ of Model 2 starting from state $s_i = 2$ (violence)

s'_i	s_i	s_j	$\tau_3(s'_i s_i, s_j)$	Illustration
-1	2	0	0	myself violent, spouse neutral \rightarrow passive: not contemplated
0	2	0	1	myself violent, spouse neutral \rightarrow neutral: default
1	2	0	0	myself violent, spouse neutral \rightarrow upset: not contemplated
2	2	0	0	myself violent, spouse neutral \rightarrow violent: not contemplated
-1	2	-1	1	myself violent, spouse passive \rightarrow passive: default
0	2	-1	0	myself violent, spouse passive \rightarrow neutral: not contemplated
1	2	-1	0	myself violent, spouse passive \rightarrow upset: not contemplated
2	2	-1	0	myself violent, spouse passive \rightarrow violent: not contemplated
-1	2	1	0	myself violent, spouse upset \rightarrow passive: not contemplated
0	2	1	0	myself violent, spouse upset \rightarrow neutral: not contemplated
1	2	1	0	myself violent, spouse upset \rightarrow upset: not contemplated
2	2	1	1	myself violent, spouse upset \rightarrow violent: default
-1	2	2	0	myself violent, spouse violent \rightarrow passive: not contemplated
0	2	2	s	myself violent, spouse violent \rightarrow neutral: prelude of separation (support)
1	2	2	0	myself violent, spouse violent \rightarrow upset: not contemplated
2	2	2	$1 - s$	myself violent, spouse violent \rightarrow violent: increase of violence (lack of support)