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

s_i'	s_i	s_j	$\tau(s_i'|s_i, s_j)$	Illustration
-1	-1	0	0	myself passive, spouse neutral → passive: not contemplated
0	-1	0	1	myself passive, spouse neutral → normal: default
1	-1	0	0	myself passive, spouse neutral → upset: not contemplated
2	-1	0	0	myself passive, spouse neutral → violent: not contemplated
-1	-1	-1	0	myself passive, spouse passive → passive: not contemplated
0	-1	-1	1	myself passive, spouse passive → normal: default
1	-1	-1	0	myself passive, spouse passive → upset: not contemplated
2	-1	-1	0	myself passive, spouse passive → violent: not contemplated
-1	-1	1	$1 - a$	myself passive, spouse upset → passive: not assertiveness
0	-1	1	0	myself passive, spouse upset → normal: not contemplated
1	-1	1	a	myself passive, spouse upset → upset: assertiveness
2	-1	1	0	myself passive, spouse upset → violent: not contemplated
-1	-1	2	1	myself passive, spouse violent → passive: passivity (absorbing state)
0	-1	2	0	myself passive, spouse violent → normal: not contemplated
1	-1	2	0	myself passive, spouse violent → upset: not contemplated
2	-1	2	0	myself passive, spouse violent → violent: not contemplated