

Supplementary Table 6. SEM Regressions of Mental Health, Social Activity, and Social Support on MoCA, Caregiving, and MoCA-by-Caregiving Interactions Showing Standardized Coefficients (SEs). Non-Spousal Caregivers Excluded From the Sample.

Outcome Variable	Depression	Loneliness	Anxiety	Stress	Religious Service Attendance	Social Engagement	Family Support	Friend Support
<b><i>Wife (Actor 1)</i></b>								
Wife becomes caregiver for husband ( $\zeta_1$ )	0.049 (0.194)	0.331* (0.164)	0.372 (0.276)	0.497* (0.204)	-0.046 (0.137)	-0.019 (0.131)	0.045 (0.182)	0.072 (0.158)
Husband's MoCA-SA ( $\phi_{2 \rightarrow 1}$ )	-0.002 (0.016)	0.008 (0.018)	0.052* (0.019)	0.020 (0.018)	-0.015 (0.011)	0.018 (0.014)	-0.033 (0.018)	0.026 (0.016)
Husband's MoCA-SA $\times$ Wife becomes caregiver for husband ( $\phi_{2 \rightarrow 1 \rightarrow 1}$ )	0.018 (0.035)	-0.042 (0.037)	-0.061 (0.05)	-0.061 (0.054)	0.01 (0.023)	-0.034 (0.022)	0.049 (0.037)	-0.098** (0.033)
<b><i>Husband (Actor 2)</i></b>								
Husband becomes caregiver for wife ( $\zeta_2$ )	-0.157 (0.191)	-0.341 (0.218)	0.541* (0.258)	0.516* (0.243)	-0.039 (0.132)	-0.029 (0.154)	0.002 (0.199)	-0.34 (0.186)
Wife's MoCA-SA ( $\phi_{1 \rightarrow 2}$ )	-0.014 (0.014)	-0.044* (0.02)	-0.012 (0.016)	0.023 (0.018)	0.005 (0.012)	0.007 (0.014)	0.002 (0.016)	0.008 (0.016)
Wife's MoCA-SA $\times$ Husband becomes caregiver for Wife ( $\phi_{1 \rightarrow 2 \rightarrow 2}$ )	-0.003 (0.040)	0.091 (0.065)	-0.186*** (0.056)	-0.01 (0.055)	0.003 (0.041)	-0.072 (0.04)	0.137* (0.061)	0.041 (0.038)

Note. MoCA-SA: Montreal Cognitive Assessment – Survey Adapted. Covariates included in all models. The outcome variables have been standardized so that the coefficient can be interpreted in standard deviation units. The cases who became caregivers for someone other than a spouse in Wave 3 have been excluded from the sample. The unweighted sample size is 520 couples.

\*  $p < 0.05$ , \*\*  $p < 0.01$ , \*\*\*  $p < 0.001$  (two-tailed tests).