

Online Resource 1

Cognitive Performance in Spouses of Individuals with Alzheimer's Disease: A Controlled Cross-Sectional Study

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This online resource contains supplementary analyses of daily spousal-support time and global cognitive scores.

Supplementary Table S1. Spearman correlations between daily spousal-support time and global cognitive scores.

Group	Outcome	Spearman ρ	p-value	n
All participants	ADAS-Cog total score	-0.009	0.866	350
All participants	MMSE score	-0.030	0.571	350
Alzheimer-spouse group	ADAS-Cog total score	-0.006	0.941	150
Alzheimer-spouse group	MMSE score	-0.006	0.945	150
Comparison group	ADAS-Cog total score	-0.214	0.002	200
Comparison group	MMSE score	0.096	0.174	200

Higher ADAS-Cog and lower MMSE scores indicate poorer cognitive performance.

Supplementary Table S2. Sensitivity regression models including daily spousal-support time.

Dependent variable	Model variable	B (95% CI where reported)	p-value
ADAS-Cog total score	Alzheimer-spouse group	2.108 (1.304 to 2.911)	<0.001
ADAS-Cog total score	Daily spousal-support time	-0.124	0.177
MMSE score	Alzheimer-spouse group	-1.090 (-1.498 to -0.683)	<0.001
MMSE score	Daily spousal-support time	0.022	0.644

Models were adjusted for age, sex, years of education, hypertension, diabetes mellitus, hypercholesterolemia, sleep duration, depressive symptom category, and daily spousal-support time. HC3 robust standard errors were used.