

Supplemental Table S1. Partial correlations between cognitive function and daily physical activities controlled by 2-step test

		Cognitive function				
		Block Design	Digit Span	Symbol Search	Coding	MMSE-J
Controlled variable: 2 step test	Calorie consumption	-0.06	-0.10	0.05	-0.06	0.14
	Steps	-0.08	-0.17	0.02	-0.23	0.31
	MVPA	-0.18	-0.22	0.03	-0.21	0.11

MMSE-J: Mini Mental State Examination- Japanese version and MVPA: Moderate-to-Vigorous Physical Activity

Supplemental Table S2. Partial correlations between physical function and QOL controlled by Symbol Search

		Physical function		
		Stand up	5 m walk	2-step
Controlled variable: Symbol Search	QOL	0.16	0.00	0.00

QOL: WHOQOL26

Supplemental Table S3. Partial correlations between happiness and cognitive function controlled by QOL

		Happiness
Controlled variable: QOL	Block Design	-0.07
	Digit Span	-0.02
	Symbol Search	-0.05
	Coding	0.10
	MMSE-J	-0.22

Happiness: Oxford Happiness Questionnaire; QOL: WHOQOL26; MMSE-J: Mini Mental State Examination- Japanese version