Table S1. Age-stratified multiple linear regression analyses of the associations between DTMP completion time and neuropsychological tests, with additional adjustment for DSST performance

	Neuropsychological tests	Age group	Types of DTMP	Standardized β +DSST-adjusted model
Executive function	TMT-B	Middle-aged	DTMP-A	0.23*
			DTMP-B	0.62*
		Older	DTMP-A	0.19
			DTMP-B	0.36*
Memory function	LM-IA	Middle-aged	DTMP-A	-0.10
			DTMP-B	-0.21*
		Older	DTMP-A	0.05
			DTMP-B	-0.18
	LM-IIA	Middle-aged	DTMP-A	-0.10
			DTMP-B	-0.25*
		Older	DTMP-A	0.08
			DTMP-B	-0.15
	FCSRT-FR	Middle-aged	DTMP-A	-0.07
			DTMP-B	-0.19*
		Older	DTMP-A	-0.04
			DTMP-B	-0.33*
Language function	CFT	Middle-aged	DTMP-A	-0.14
			DTMP-B	-0.40*
		Older	DTMP-A	-0.08
			DTMP-B	-0.25*

DSST, Digit Symbol Substitution Test; TMT, Trail Making Test; LM-IA, logical memory-immediate recall; LM-IIA, logical memory-delayed recall; FCSRT-FR, free and cued selective reminding test-free recall; CFT, Category Fluency Test; DTMP, Digital Trail Making Peg Test.

The DSST-adjusted model was adjusted for age, sex, body mass index category, educational attainment, diabetes, heart disease, Geriatric Depression Scale score, and DSST score.

*$p<0.05$, adjusted for false discovery rate.