Table S3. Interaction effects of cognitive functions and muscle mass (cognitive functions predicted muscle mass indices)

Outcomes	Exposure/interaction term	OR (95% CI)	p-value
Low SMMI	Cognitive decline × sex	2.65 (0.26–31.99)	0.414
	Information processing speed[a)] × sex	0.69 (0.02–10.35)	0.797
	Working memory[a)] × sex	1.10 (0.09–12.76)	0.939
	Visual memory[a)] × sex	4.88 (0.43–67.99)	0.208
	Visual memory time[a)] × sex	9.38 (0.77–114.80)	0.068
Low LMI	Cognitive decline × sex	0.39 (0.05–2.37)	0.329
	Information processing speed × sex	0.45 (0.05–3.10)	0.430
	Working memory × sex	1.27 (0.18–9.90)	0.813
	Visual memory × sex	0.37 (0.04–2.54)	0.331
	Visual memory time × sex	0.69 (0.11–4.27)	0.686

OR, odds ratio; CI, confidence interval.

Adjusted for age, sex, body mass index, body fat percentage, employment status, spouse, high school graduation status, diabetes history, hypertension history, diabetes history, and smoking status.

Cognitive decline was defined as the Korean version of Mini Mental State Examination score less than 24.

[a)]Whether the performance did not reach the median.