Table S2. Interaction effects of muscle mass and outcomes of cognitive function (muscle mass indices predicted cognitive functions)

Outcomes	Exposure/interaction term	OR (95% CI)	p-value
Cognitive decline	Low SMMI × sex	8.83 (0.49–231.27)	0.156
Information processing speed[a)]	Low SMMI × sex	1.99 (0.06–40.47)	0.658
Working memory[a)]	Low SMMI × sex	10.45 (0.55–229.49)	0.117
Visual memory[a)]	Low SMMI × sex	18.11 (1.12–431.28)	0.051
Visual memory time[a)]	Low SMMI × sex	9.53 (0.78–116.68)	0.065
Cognitive decline	Low LMI × sex	0.80 (0.09–5.11)	0.817
Information processing speed[a)]	Low LMI × sex	0.80 (0.09–5.14)	0.825
Working memory[a)]	Low LMI × sex	1.71 (0.27–11.82)	0.572
Visual memory[a)]	Low LMI × sex	0.78 (0.09–5.03)	0.802
Visual memory time[a)]	Low LMI × sex	1.36 (0.20–8.77)	0.743

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.