

Supplement Table S2 Weighted odds ratios (95% confidence intervals) for four dimensions of cognitive performance across quartiles of total cholesterol in survey data

	CFDAST_SCORE			CFDDS_SCORE			CDEAR_SCORE			z_score		
	Model-1	Model-2	Model-3	Model-1	Model-2	Model-3	Model-1	Model-2	Model-3	Model-1	Model-2	Model-3
< 174	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00
mg/dL	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)	(Ref.)
174-201	0.65	0.74	0.77	0.69	0.83	0.92	0.69*	0.78	0.91	0.69	0.85	0.99
mg/dL	(95%CI 0.37-1.13)	(95%CI 0.40-1.34)	(95%CI 0.40-1.49)	(95%CI 0.42-1.15)	(95%CI 0.45-1.54)	(95%CI 0.47-1.77)	(95%CI 0.48-0.99)	(95%CI 0.53-1.15)	(95%CI 0.58-1.42)	(95%CI 0.44-1.06)	(95%CI 0.52-1.41)	(95%CI 0.56-1.74)
201-229	0.59**	0.82	0.90	0.35***	0.40**	0.47*	0.56*	0.65	0.77	0.34***	0.38***	0.46**
mg/dL	(95%CI 0.40-0.87)	(95%CI 0.53-1.25)	(95%CI 0.55-1.46)	(95%CI 0.21-0.58)	(95%CI 0.22-0.71)	(95%CI 0.26-0.82)	(95%CI 0.33-0.93)	(95%CI 0.35-1.19)	(95%CI 0.41-1.46)	(95%CI 0.22-0.51)	(95%CI 0.24-0.62)	(95%CI 0.27-0.79)
>229	0.44***	0.53**	0.57*	0.51**	0.57*	0.65	0.44***	0.47**	0.55*	0.30***	0.28***	0.34**
mg/dL	(95%CI 0.30-0.66)	(95%CI 0.35-0.81)	(95%CI 0.35-0.93)	(95%CI 0.34-0.77)	(95%CI 0.34-0.97)	(95%CI 0.38-1.11)	(95%CI 0.28-0.68)	(95%CI 0.28-0.78)	(95%CI 0.32-0.95)	(95%CI 0.20-0.46)	(95%CI 0.15-0.52)	(95%CI 0.17-0.65)
P-trend	<0.001	<0.007	<0.042	<0.001	<0.009	<0.026	<0.001	<0.01	<0.043	<0.001	<0.001	<0.001

DDST(Digit Symbol Substitution Test); CERAD(Consortium to Establish a Registry for Alzheimer's Disease); Calculated using binary logistic regression; Reference (Ref.); Model 2 adjusted for age, education level, body mass index (BMI), marriage status, Ratio of family income to poverty and race; Model 3 adjusted for age and race, educational level, marriage status, Ratio of family income to poverty, body mass index (BMI), drinking status, smoking status, hypertension, and diabetes.* $P < 0.05$; ** $P < 0.01$; *** $P < 0.001$