

Supplementary material

sTable 1. Association of grip strength and OCT parameters after adjusting gene polymorphism of vitamin D receptor and other factors.

	Model 1*			Model 2†		
	Coefficient	95% CI	P-value	Coefficient	95% CI	P-value
Average RT						
Quantile 1	1.00 (Ref)			1.00 (Ref)		
Quantile 2	3.48	(-0.09 to 7.05)	0.056	2.93	(-0.73 to 6.58)	0.116
Quantile 3	2.62	(-1.61 to 6.85)	0.225	2.15	(-2.28 to 6.59)	0.341
Quantile 4	6.40	(0.88 to 11.92)	0.023	6.38	(0.59 to 12.17)	0.031
Per 1-kg increase	1.92	(0.14 to 3.70)	0.035	1.86	(-0.02 to 3.74)	0.053
Average MCT						
Quantile 1	1.00 (Ref)			1.00 (Ref)		
Quantile 2	31.74	(14.00 to 49.49)	<0.001	26.92	(10.02 to 43.83)	0.002
Quantile 3	33.85	(13.11 to 54.59)	0.001	26.17	(6.06 to 46.28)	0.011
Quantile 4	60.61	(34.07 to 87.16)	<0.001	51.47	(25.78 to 77.16)	<0.001
Per 1-kg increase	18.90	(10.21 to 27.59)	<0.001	15.76	(7.32 to 24.21)	<0.001
Average pRNFL						
Quantile 1	1.00 (Ref)			1.00 (Ref)		
Quantile 2	4.02	(0.91 to 7.12)	0.011	3.26	(0.17 to 6.35)	0.039
Quantile 3	5.45	(1.79 to 9.10)	0.004	4.12	(0.39 to 7.85)	0.031
Quantile 4	7.67	(2.99 to 12.35)	0.001	5.82	(1.03 to 10.61)	0.017
Per 1-kg increase	2.58	(1.06 to 4.10)	0.001	1.94	(0.38 to 3.50)	0.015

Model 1: adjusted for age, sex, and polymorphisms of rs2228570.

Model 2: adjusted for age, gender, axial length, HbA1c, diabetes duration, use of insulin, height, weight, systolic blood pressure, diastolic blood pressure, and polymorphisms of rs2228570.

Bold indicates statistically significant.