

Table S2. Association between various light exposure parameters with spherical equivalent refraction and axial length using multivariate linear regression model.

Light parameters	SER (D)				Axial length (mm)			
	Univariate		Multivariate*		Univariate		Multivariate*	
	β (95% CI)	P-value	β (95% CI)	P-value	β (95% CI)	P-value	β (95% CI)	P-value
Average daily illuminance exposure	0.00 (0.00 to 0.001)	0.46	0.00 (-0.001 to 0.001)	0.70	0.00 (-0.001 to 0.00)	0.37	0.00 (0.00 to 0.00)	0.87
Outdoor illuminance exposure level (lux/day)	0.00 (0.00 to 0.00)	0.37	0.00 (0.00 to 0.00)	0.45	0.00 (0.00 to 0.00)	0.00	0.00 (0.00 to 0.00)	0.84
Time spent outdoors (min/day)	0.002 (-0.004 to 0.008)	0.50	0.002 (-0.004 to 0.008)	0.51	-0.001 (-0.005 to 0.003)	0.58	-0.002 (-0.003 to 0.003)	0.99
Epoch at outdoors (times/day)	0.008 (-0.007 to 0.024)	0.29	0.007 (-0.008 to 0.023)	0.36	-0.005 (-0.014 to 0.005)	0.32	-0.004 (-0.012 to 0.005)	0.43
Cumulative illuminance exposure/day	0.00 (0.00 to 0.00)	0.51	0.00 (0.00 to 0.00)	0.68	0.00 (0.00 to 0.00)	0.42	0.00 (0.00 to 0.00)	0.86

* Multivariate model is adjusted for age and gender

Outdoor refers to illuminance levels >1000 lux

Abbreviation: SER- Spherical equivalent refraction, AL- Axial length, CI- Confidence interval