

Table S3. Overall and age-stratified multivariable associations of 24-hour movement guideline adherence with axial length.

Exposure	Overall		6–13 years		14–17 years	
	β (95% CI)	<i>p</i> value	β (95% CI)	<i>p</i> value	β (95% CI)	<i>p</i> value
Individual guideline components						
Sleep duration	-0.049 (-0.114, 0.015)	0.133	0.007 (-0.063, 0.077)	0.848	-0.246 (-0.422, -0.070)	0.006
ST	-0.017 (-0.083, 0.048)	0.602	-0.015 (-0.084, 0.055)	0.674	-0.040 (-0.215, 0.135)	0.652
MVPA	-0.036 (-0.118, 0.045)	0.383	-0.049 (-0.139, 0.041)	0.283	0.001 (-0.198, 0.200)	0.993
Number of 24-hour movement guidelines met						
Per additional guideline met	-0.034 (-0.073, 0.006)	0.097	-0.014 (-0.057, 0.028)	0.516	-0.100 (-0.205, 0.004)	0.059
Combinations of guidelines met						
Sleep duration only	-0.016 (-0.124, 0.093)	0.779	0.047 (-0.074, 0.169)	0.443	-0.193 (-0.450, 0.063)	0.139
ST only	0.001 (-0.100, 0.101)	0.988	0.030 (-0.080, 0.140)	0.591	-0.082 (-0.346, 0.181)	0.539
MVPA only	-0.148 (-0.308, 0.013)	0.071	-0.147 (-0.343, 0.048)	0.140	-0.161 (-0.469, 0.148)	0.307
Sleep duration and ST	-0.084 (-0.182, 0.015)	0.097	-0.020 (-0.127, 0.088)	0.721	-0.303 (-0.580, -0.025)	0.032
Sleep duration and MVPA	-0.056 (-0.261, 0.148)	0.589	0.052 (-0.211, 0.315)	0.699	-0.242 (-0.613, 0.129)	0.201
ST and MVPA	0.014 (-0.144, 0.172)	0.860	-0.076 (-0.246, 0.095)	0.386	0.354 (-0.054, 0.762)	0.089
All three	-0.073 (-0.230, 0.083)	0.359	0.023 (-0.142, 0.188)	0.781	-0.482 (-0.964, 0.000)	0.050

Adjusted for age, sex, BMI, parental myopia, parental education, and sugar-sweetened beverage intake. For individual guideline components, estimates compare meeting with not meeting the corresponding guideline. ST = recreational screen time; MVPA = moderate-to-vigorous physical activity; β = regression coefficient; CI = confidence interval.