

Supplemental Table 1 GEE model of factors associated with AL and SE with interaction stratified by gender

Variables	AL, mm				SE, D			
	Boys		Girls		Boys		Girls	
	<i>P</i> value	Estimate (95%CI)	<i>P</i> value	Estimate (95%CI)	<i>P</i> value	Estimate (95%CI)	<i>P</i> value	Estimate (95%CI)
Age	0.911	0.989 (0.821~1.192)	0.277	1.084 (0.938~1.252)	0.822	0.959 (0.669~1.377)	0.995	1.001 (0.703~1.425)
Parental myopia								
Both	0.002	1.944 (1.288~2.936)	<0.001	2.457 (1.533~3.939)	0.006	0.301 (0.128~0.708)	<0.001	0.147 (0.053~0.409)
Either	0.998	1.000 (0.706~1.416)	0.003	1.650 (1.184~2.301)	0.498	0.786 (0.391~1.578)	0.015	0.404 (0.195~0.837)
Neither	—		—		—		—	
Menarche or first spermatorrhea								
Occurred	0.736	1.120 (0.579~2.166)	0.418	0.815 (0.498~1.336)	0.148	0.391 (0.109~1.397)	0.180	0.467 (0.153~1.422)
Not occurred	—		—		—		—	
Outdoor time	<0.001	0.694 (0.603~0.798)	0.008	0.812 (0.696~0.947)	<0.001	1.944 (1.502~2.516)	0.428	1.173 (0.791~1.740)
Interaction (outdoor*puberty)	0.481	1.108 (0.833~1.473)	0.019	1.124 (1.025~1.339)	0.628	1.164 (0.630~2.150)	0.835	1.043 (0.702~1.548)
Estradiol	0.082	1.047 (0.994~1.103)	0.051	1.058 (1.000~1.120)	0.242	0.937 (0.840~1.045)	0.194	0.928 (0.829~1.039)
Testosterone	0.679	1.001 (0.996~1.006)	0.602	1.002 (0.995~1.008)	0.029	0.991 (0.984~0.999)	0.939	0.999 (0.985~1.014)
Height	0.029	1.027 (1.003~1.051)	0.655	1.002 (0.993~1.012)	0.536	0.985 (0.940~1.033)	0.744	1.002 (0.989~1.016)