

Variable	β coefficient	95% CI	p-value
APCT at distance deviation (baseline)	-0.267	-0.387 to -0.147	<0.001
Uncorrected SE in the right eye (baseline)	-0.140	-0.299 to 0.018	0.082
Uncorrected SE interocular difference (baseline)	0.560	-0.164 to 1.283	0.127
Horizontal-to-vertical gaze-movement ratio (right eye)	0.6	-0.35 to 1.55	0.211
APCT at near deviation (baseline)	-0.029	-0.086 to 0.028	0.308
Pupil diameter in right diameter	0.217	-0.362 to 0.796	0.456
Change in SE in the right eye	-0.383	-1.674 to 0.908	0.555
SE in the right eye (baseline)	-0.049	-0.285 to 0.187	0.678
Percentage of gaze-movement events with velocities <30°/s (right eye)	0.001	-0.022 to 0.025	0.923
Viewing distance	0.005	-0.094 to 0.103	0.926
SE interocular difference (baseline)	-0.004	-1.293 to 1.284	0.995

Footnote:

Each variable was evaluated separately using univariable linear regression.

Outcome variable = change in APCT-assessed distance deviation after smartphone viewing (positive = shift toward esodeviation). APCT: alternate prism cover test, SE: spherical equivalent

Supplementary Table S2. Univariable linear regression analysis for predictors of change in APCT at distance deviation after smartphone viewing