

**Supplementary Table 6** - Association of accelerometer-derived physical activity with intraocular pressure, macular retinal nerve fiber layer thickness and macular ganglion cell inner plexiform layer thickness, additionally adjusted for caffeine use

<b><i>Difference in IOP (mmHg)</i></b>			
Sedentary	<0.001	(-0.00002, 0.0001)	0.25
Low	-0.003	(-0.006, -0.0001)	<b>0.039</b>
Moderate	0.002	(-0.002, 0.006)	0.39
Vigorous	0.007	(-0.026, 0.039)	0.69
<b><i>Difference in mRNFL thickness</i></b>			
Sedentary	0.001	(-0.002, 0.004)	0.41
Low	-0.002	(-0.008, 0.003)	0.44
Moderate	0.007	(-0.001, 0.015)	0.09
Vigorous	0.01	(-0.05, 0.07)	0.76
<b><i>Difference in mGCIPL thickness</i></b>			
Sedentary	-0.001	(-0.004, 0.004)	0.77
Low	0.005	(-0.002, 0.013)	0.16
Moderate	0.02	(0.01, 0.03)	<b>&lt;0.001</b>
Vigorous	0.10	(0.02, 0.18)	<b>0.012</b>

**Abbreviations:** IOP, intraocular pressure; mRNFL, macular retinal nerve fiber layer; mGCIPL, macular ganglion cell inner plexiform layer. Beta coefficients reported from multivariable-adjusted models adjusting for age, sex, ethnicity, Townsend deprivation index, body mass index, systolic blood pressure, smoking status, alcohol status, diabetes status, spherical equivalent, height, caffeine intake and season.