

Supplementary Table F: Multivariable associations in participants with no history of ocular hypotensive medication or glaucoma surgery. Results are from 3 multivariable linear regression models with the HRT variable as dependent variable, and all explanatory variables presented included together in each model. P-values <0.01 are in bold. BMI – body mass index; IOP – intraocular pressure; Ref – reference level; SBP – systolic blood pressure.

	Linear cup-to-disc ratio			Mean RNFL thickness (mm)			Rim area (mm ²)		
	β	95% CI	P-value	β	95% CI	P-value	β	95% CI	P-value
Age (per decade)	0.007	(0.001, 0.013)	0.017	-0.014	(-0.016, -0.012)	<0.001	-0.016	(-0.026, -0.007)	<0.001
Sex									
Male	Ref			Ref			Ref		
Female	0.004	(-0.008, 0.015)	0.54	0.006	(0.002, 0.011)	0.004	-0.001	(-0.019, 0.017)	0.93
Height (per 10cm)	0.009	(0.003, 0.015)	0.007	0.002	(0.000, 0.005)	0.042	-0.011	(-0.021, -0.000)	0.042
BMI (per 5 kg/m ²)	-0.008	(-0.013, -0.004)	<0.001	0.001	(-0.001, 0.002)	0.53	0.014	(0.006, 0.021)	<0.001
SBP (per 10mmHg)	-0.001	(-0.003, 0.002)	0.52	0.000	(-0.001, 0.001)	0.58	0.003	(-0.001, 0.007)	0.15
Education level									
Degree	Ref			Ref			Ref		
A level	0.009	(-0.002, 0.020)	0.11	-0.008	(-0.012, -0.003)	<0.001	-0.014	(-0.031, 0.003)	0.12
O Level	-0.003	(-0.017, 0.012)	0.71	-0.001	(-0.007, 0.004)	0.66	0.004	(-0.019, 0.026)	0.75
Less than O level	0.009	(-0.003, 0.022)	0.15	-0.009	(-0.014, -0.005)	<0.001	-0.015	(-0.035, 0.004)	0.13
Axial length (mm)	0.002	(-0.002, 0.005)	0.36	-0.006	(-0.008, -0.005)	<0.001	-0.003	(-0.009, 0.002)	0.22
IOP (mmHg)	0.003	(0.002, 0.004)	<0.001	0.000	(-0.001, 0.000)	0.16	-0.005	(-0.007, -0.004)	<0.001
Lens status									
Phakic	Ref			Ref			Ref		
Pseudophakic	0.009	(-0.005, 0.023)	0.21	-0.008	(-0.014, -0.003)	0.003	-0.014	(-0.037, 0.008)	0.21