

Supplementary Table E: Crude associations with each of the 3 component scores adjusted for optic disc area only. P-values <0.01 are in bold. BMI – body mass index; DBP – diastolic blood pressure; IOP – intraocular pressure; Ref – reference level; RNFL – retinal nerve fibre layer; SBP – systolic blood pressure.

	Cup component			RNFL component			Rim component		
	β	95% CI	p-value	β	95% CI	p-value	β	95% CI	p-value
Age (per decade)	0.136	(0.057, 0.214)	0.001	-0.453	(-0.511, -0.395)	<0.001	-0.080	(-0.113, -0.046)	<0.001
Sex									
Male	Ref			Ref			Ref		
Female	-0.158	(-0.277, -0.040)	0.009	0.244	(0.156, 0.333)	<0.001	0.090	(0.040, 0.140)	<0.001
Height (per 10cm)	0.103	(0.037, 0.169)	0.002	-0.013	(-0.062, 0.036)	0.61	-0.049	(-0.077, -0.021)	0.001
BMI (per 5 kg/m ²)	-0.129	(-0.198, -0.061)	<0.001	-0.023	(-0.074, 0.029)	0.39	0.047	(0.018, 0.076)	0.001
SBP (per 10mmHg)	-0.005	(-0.040, 0.031)	0.79	-0.038	(-0.065, -0.012)	0.005	-0.001	(-0.016, 0.014)	0.85
DBP (per 10mmHg)	0.005	(-0.058, 0.068)	0.87	-0.004	(-0.051, 0.043)	0.86	-0.008	(-0.034, 0.019)	0.57
Social class									
Professional	Ref			Ref			Ref		
Managerial/technical	-0.044	(-0.261, 0.172)	0.69	0.091	(-0.071, 0.253)	0.27	0.019	(-0.072, 0.111)	0.68
Skilled non-manual	-0.158	(-0.404, 0.089)	0.21	0.030	(-0.155, 0.214)	0.75	0.076	(-0.028, 0.181)	0.15
Skilled manual	0.062	(-0.172, 0.296)	0.60	0.025	(-0.150, 0.200)	0.78	-0.018	(-0.117, 0.081)	0.72
Partly-skilled	-0.088	(-0.350, 0.175)	0.51	-0.020	(-0.216, 0.176)	0.84	0.035	(-0.076, 0.146)	0.54
Unskilled	0.108	(-0.344, 0.561)	0.64	-0.356	(-0.694, -0.017)	0.039	-0.062	(-0.253, 0.130)	0.53
Education level									
Degree	Ref			Ref			Ref		
A level	0.107	(-0.058, 0.272)	0.20	-0.242	(-0.364, -0.119)	<0.001	-0.078	(-0.148, -0.008)	0.028
O Level	-0.080	(-0.297, 0.138)	0.47	-0.018	(-0.179, 0.144)	0.83	0.047	(-0.045, 0.139)	0.32
Less than O level	0.086	(-0.096, 0.268)	0.35	-0.315	(-0.451, -0.180)	<0.001	-0.048	(-0.124, 0.029)	0.23
Alcohol intake									
No intake	Ref			Ref			Ref		
<7 units/wk	-0.073	(-0.238, 0.092)	0.39	-0.042	(-0.165, 0.081)	0.51	0.015	(-0.055, 0.085)	0.67
>=7 <14 units/wk	-0.008	(-0.180, 0.164)	0.93	-0.031	(-0.159, 0.098)	0.64	-0.005	(-0.078, 0.068)	0.89
>=14 <21 units/wk	-0.054	(-0.263, 0.154)	0.61	-0.112	(-0.268, 0.044)	0.16	-0.001	(-0.089, 0.087)	0.98
>=21 units/wk	-0.024	(-0.201, 0.154)	0.79	0.054	(-0.078, 0.187)	0.42	0.004	(-0.071, 0.079)	0.91
Smoking status									
Never	Ref			Ref			Ref		
Ever	0.033	(-0.085, 0.150)	0.59	-0.009	(-0.097, 0.079)	0.84	-0.020	(-0.070, 0.030)	0.43
Axial length (mm)	0.039	(-0.010, 0.088)	0.12	-0.193	(-0.230, -0.155)	<0.001	-0.025	(-0.046, -0.004)	0.020
IOP (mmHg)	0.046	(0.033, 0.058)	<0.001	-0.006	(-0.017, 0.005)	0.28	-0.019	(-0.024, -0.013)	<0.001
Lens status									
Phakic	Ref			Ref			Ref		
Pseudophakic	0.250	(0.056, 0.443)	0.012	-0.675	(-0.832, -0.519)	<0.001	-0.138	(-0.223, -0.053)	0.001