

Table 2: Linear regression with corneal hysteresis as the dependent variable in 93,345 left eyes. (DBP, diastolic blood pressure; SBP, systolic blood pressure; IOPg, Goldmann-correlated intraocular pressure)

Corneal Hysteresis	Univariable		Multivariable (n=91,765)	
	Coef.(β) (95% CI)	<i>p</i>	Coef.(β) (95% CI)	<i>p</i>
Age/10yrs	-0.26 (-0.27,-0.24)	7.19×10^{-252}	-0.33 (-0.35,-0.32)	$<10^{-300}$
Gender(Ref.=Female)	-0.40 (-0.43,-0.38)	1.42×10^{-233}	-0.19 (-0.23,-0.16)	2.07×10^{-27}
Ethnicity(Ref.=White)		5.77×10^{-221}		
Asian	-0.28 (-0.34,-0.22)	5.37×10^{-19}	-0.46 (-0.53,-0.40)	2.08×10^{-45}
Black	-1.03 (-1.10,-0.96)	7.51×10^{-205}	-1.22 (-1.29,-1.15)	1.03×10^{-260}
Chinese	0.14 (-0.05,0.34)	0.14	-0.02 (-0.22,0.17)	0.80
Mixed	-0.15 (-0.27,-0.03)	0.02	-0.39 (-0.51,-0.26)	8.63×10^{-10}
Others	-0.33 (-0.43,-0.24)	4.27×10^{-12}	-0.60 (-0.70,-0.50)	3.52×10^{-34}
DBP/10mmHg	-0.12 (-0.13,-0.11)	5.67×10^{-81}	-0.08 (-0.09,-0.06)	1.29×10^{-33}
SBP/10mmHg	-0.08 (-0.09,-0.07)	9.71×10^{-124}	-	-
Height/10cm	-0.19 (-0.20,-0.17)	3.18×10^{-173}	-0.16 (-0.18,-0.14)	4.71×10^{-61}
Eye sight/logMAR	0.00 (-0.06,0.06)	0.98	-	-
Refractive error/Dioptre	0.02 (0.01,0.02)	2.55×10^{-8}	0.03 (0.03,0.04)	3.06×10^{-26}
IOPg/mmHg	0.02 (0.02,0.03)	2.82×10^{-38}	0.03 (0.03,0.04)	2.32×10^{-67}
Smoking (Ref.=Non-ever smoker)		4.04×10^{-99}		
Current smoker	0.46 (0.42,0.50)	3.34×10^{-100}	0.42 (0.38,0.46)	1.22×10^{-84}
Former smoker	0.05 (0.03,0.08)	1.05×10^{-4}	0.10(0.07,0.12)	7.71×10^{-13}
Alcohol intake frequency (Ref.=Never drinker)		0.26		
Occasional drinker	0.04 (-0.01,0.09)	0.15	-	-
Monthly or more, less often than every week	0.06 (0.01,0.12)	0.03	-	-
Weekly or more, less often than daily	0.05 (0.00,0.09)	0.048	-	-
Daily or almost daily	0.04 (-0.01,0.08)	0.15	-	-
Self-reported glaucoma	-0.70 (-0.82,-0.57)	1.29×10^{-26}	-0.52 (-0.64,-0.39)	1.13×10^{-15}
Diabetes	0.13 (0.07,0.19)	3.50×10^{-5}	0.28 (0.22,0.34)	1.25×10^{-20}
Townsend Index	0.01 (0.01,0.01)	6.34×10^{-7}	0.01 (0.01,0.02)	7.82×10^{-8}