

Supplemental Table 3. Factors Contributing to the Rate of Inferotemporal cpRNFL Thinning Over Time in Study Participants by Univariable Mixed Model Analysis

Variables	Univariable Model		Multivariable Model 1		Multivariable Model 2	
	β , 95 % CI	P value	β , 95 % CI	P value		
Age, per 10 years older	0.07 (-0.16, 0.30)	0.562	0.16 (-0.07, 0.38)	0.180	0.14 (-0.09, 0.38)	0.230
Gender: Female	-0.69 (-1.19, -0.19)	0.007	-0.45 (-0.96, 0.07)	0.090	-0.47 (-0.99, 0.05)	0.077
Race:						
African American	-0.30 (-0.89, 0.29)	0.318				
Self-reported diabetes	0.01 (-0.73, 0.75)	0.985				
Self-reported hypertension	0.07 (-0.46, 0.59)	0.806				
MOPP, per 1 mmHg lower	0.00 (-0.03, 0.03)	0.910				
Axial length, per 1mm longer	0.23 (-0.01, 0.48)	0.060	0.21 (-0.03, 0.45)	0.092	0.19 (-0.06, 0.44)	0.132
CCT, per 100 μ m thinner	-0.37 (0.28, -1.02)	0.266				
Baseline IOP, per 1 mmHg higher	-0.06 (-0.11, 0.00)	0.057				
Mean IOP, per 1 mmHg higher	-0.06 (-0.13, 0.02)	0.147	-0.06 (-0.14, 0.01)	0.103	-0.07 (-0.14, 0.01)	0.083
History of disc hemorrhage	-1.01 (-1.62, -0.40)	0.001	-1.05 (-1.68, -0.41)	0.001	-1.03 (-1.67, -0.39)	0.002
History of inferior disc hemorrhage	-1.13 (-1.82, -0.44)	0.001				
Baseline 24-2 VF MD, per 1 dB worse	0.04 (-0.02, 0.11)	0.205	0.04 (-0.03, 0.10)	0.290		
Baseline wiCD, per 1 % lower	0.04 (-0.01, 0.09)	0.150			0.01 (-0.05, 0.06)	0.942
Follow-up period, per 1 year longer	-0.17 (-0.50, 0.16)	0.316				
SDOCT number of scans	0.06 (-0.09, 0.21)	0.439				
Average SQ, per 1 higher	-0.11 (-0.34, 0.12)	0.360				

CCT = central corneal thickness; CD = capillary density; cp = circumpapillary; IOP = intraocular pressure; MD = mean deviation; MOPP = mean ocular perfusion pressure; RNFL = retinal nerve fiber layer; SDOCT = spectral domain optical coherence tomography; SQ = scan quality; SSI = signal strength index; VF = visual field; wi = whole image. Values are shown in β coefficient (95% confidence interval). Statistically significant P values are shown in bold.