

Table S1. Intra- and inter-observer reproducibility in measurement of parameters

Parameters	Intraobserver ICC (95% CI)	Interobserver ICC (95% CI)
Extent		
Maximal EOBT length, μm	0.979 (0.955–0.995)	0.968 (0.926–0.992)
Maximal ONH tilt angle, $^\circ$	0.975 (0.932–0.985)	0.947 (0.895–0.982)
Maximal OC obliqueness, $^\circ$	0.981 (0.938–0.992)	0.951 (0.901–0.984)
Maximal ALID, μm	0.972 (0.967–0.989)	0.962 (0.924–0.991)
Angular location		
Maximal EOBT location, $^\circ$	0.948 (0.903–0.989)	0.922 (0.835–0.972)
Maximal ONH tilt location, $^\circ$	0.962 (0.927–0.992)	0.936 (0.882–0.988)
Maximal OC obliqueness location, $^\circ$	0.945 (0.911–0.972)	0.931 (0.854–0.984)
Maximal ALID location, $^\circ$	0.951 (0.926–0.988)	0.926 (0.893–0.956)

ONH: optic nerve head; EOBT: externally oblique border tissue; OC: optic canal; ALID: anterior lamina cribrosa insertion depth; $^\circ$ degree.

Table S2. Factors associated with an inferiorly located dominant VF defect

Variables	Univariate		Multivariate					
			Model 1		Model 2		Model 3	
	OR (95% CI)	p value	OR (95% CI)	p value	OR (95% CI)	p value	OR (95%CI)	p value
Age, years	1.03 (0.99,1.07)	0.104	1.05 (1,1.11)	0.055	1.05 (1,1.11)	0.072	1.04 (0.99,1.1)	0.105
IOP, mmHg	0.99 (0.86,1.14)	0.908	1.02 (0.88,1.2)	0.760	1 (0.86,1.17)	0.952	1.01 (0.86,1.18)	0.934
AL, mm	1.06 (0.78,1.45)	0.696	1.33 (0.82,2.16)	0.255	1.35 (0.83,2.2)	0.230	1.26 (0.77,2.06)	0.354
CCT, μ m	0.99 (0.98,1.01)	0.317	0.99 (0.98,1)	0.184	0.99 (0.98,1)	0.189	0.99 (0.98,1.01)	0.285
MD, dB	1.09 (0.94,1.28)	0.262	1.06 (0.89,1.27)	0.489	1.08 (0.91,1.3)	0.377	1.07 (0.89,1.28)	0.474
Maximum EOBT length, μ m	1 (1,1)	0.414	0.99 (0.99,1)	0.069	0.99 (0.99,1)	0.046	0.99 (0.99,1)	0.056
Maximum ONH tilt angle, °	1 (0.9,1.1)	0.962	1.07 (0.89,1.3)	0.466	1.09 (0.9,1.32)	0.354	1.1 (0.9,1.33)	0.359
Maximum OC obliqueness, °	1.01 (0.99,1.04)	0.307	1.04 (0.99,1.09)	0.100	1.04 (1,1.09)	0.074	1.04 (0.99,1.09)	0.113
Maximum ALID, μ m	1 (0.99,1)	0.437	1 (1,1)	0.869	1 (1,1)	0.885	1 (1,1)	0.931
Maximum EOBT angular location, °	0.98 (0.97,1)	0.010	0.98 (0.96,1)	0.013				
Maximum ONH tilt angle angular location, °	0.98 (0.97,1)	0.011			0.98 (0.96,0.99)	0.007		
Maximum OC obliqueness angular location, °	0.98 (0.96,0.99)	0.003					0.98 (0.96,0.99)	0.008
Maximum ALID angular location, °	0.99 (0.97,1)	0.150	0.99 (0.97,1.01)	0.263	0.99 (0.97,1)	0.122	0.99 (0.97,1.01)	0.203

VF: visual field; IOP: intraocular pressure; AL: axial length; CCT: central corneal thickness; MD: mean deviation; ONH: optic nerve head; EOBT: externally oblique border tissue; OC: optic canal; ALID: anterior lamina cribrosa insertion depth

Maximum EOBT angular location, maximum ONH tilt angle angular location, and maximum OC obliqueness angular location were strongly associated with each other; thus, each was analyzed separately in multivariate analysis.

Statistically significant values are shown in bold. ° degree.