

Supplemental Table 1. Prevalence of gamma zone in the study participants stratified by refractive error

Refractive error (diopters (D))	n	Any gamma zone		<i>c-Gamma</i>		Focal gamma zone		<i>i-Gamma</i> *		<i>t-Gamma</i> *	
		n	% (95%CI)	n	% (95%CI)	n	% (95%CI)	n	% (95%CI)	n	% (95%CI)
Emmetropia/ Hyperopia (>-0.5D)	388	52	13.4 (10.3, 16.8)	1	0.3 (0.1, 0.5)	51	13.1 (10.1, 16.6)	19	4.9 (3.3, 6.8)	23	5.9 (4.1, 8.1)
Mild Myopia (-2.99 D to -0.50D)	166	42	25.3 (19.0, 32.2)	1	0.6 (0.1, 1.4)	41	24.7 (18.5, 31.5)	20	12.0 (7.7, 17.2)	20	12.0 (7.7, 17.2)
Moderate Myopia (-5.99 D to -3.00 D)	73	46	63.0 (56.8, 69.0)	6	8.2 (3.4, 14.8)	40	54.8 (46.3, 63.2)	13	17.8 (10.0, 27.3)	27	37.0 (26.8, 47.7)
High Myopia (≤ -6.00 D)	51	40	78.4 (NA)	9	17.6 (8.6, 29.1)	31	60.8 (52.4, 68.8)	15	29.4 (17.9, 42.4)	16	31.4 (19.7, 44.4)

\*included in focal gamma group

CI: confidence interval; *i-Gamma*: inferior gamma zone; *t-Gamma*: temporal gamma zone; *c-Gamma*: circular gamma zone

Supplemental Table 2. Factors associated with the mean peripapillary scleral angle

	Univariable analysis		Multivariable analysis	
	Coefficient B	P	Coefficient B	P
Age (years)	0.220	0.000	0.178	<0.001
Female	-0.795	0.059	0.560	0.144
IOP (mmHg)	0.021	0.794	/	/
Axial length (mm)	1.285	0.000	1.026	<0.001
Central cornea thickness ( $\mu\text{m}$ )	0.016	0.010	0.012	0.036
Cornea curvature	0.645	0.411		
BMO area ( $\text{mm}^2$ )	2.674	0.000	1.314	0.001
LC depth ( $\mu\text{m}$ )	0.004	0.085	0.008	<0.001
PCT ( $\mu\text{m}$ )	-0.008	0.137	/	/

IOP: intraocular pressure; BMO: Bruch's membrane opening; LC: lamina cribrosa; PCT: Peripapillary choroidal thickness; All variables included in the multivariable model with their VIF less than 1.13.