

Supplementary Table 1. Baseline distribution of SS-ASOCT parameters in non-high myopic and high myopic eyes.

Parameter	All		Non-High myopia		High myopia		P-value
	Mean	SD	Mean	SD	Mean	SD	
AOD250, mm	0.33	0.14	0.32	0.13	0.41	0.17	< 0.001
AOD500, mm	0.46	0.22	0.44	0.21	0.59	0.23	< 0.001
AOD750, mm	0.65	0.30	0.62	0.29	0.84	0.32	< 0.001
ARA250, mm ²	0.13	0.07	0.13	0.07	0.15	0.08	0.001
ARA500, mm ²	0.23	0.11	0.22	0.10	0.28	0.12	< 0.001
ARA750, mm ²	0.37	0.17	0.36	0.17	0.46	0.19	< 0.001
TISA250, mm ²	0.08	0.04	0.08	0.03	0.09	0.04	< 0.001
TISA500, mm ²	0.18	0.07	0.18	0.07	0.22	0.09	< 0.001
TISA750, mm ²	0.33	0.14	0.31	0.13	0.41	0.16	< 0.001
TIA250, degree	37.44	15.28	36.28	14.87	42.12	15.98	< 0.001
TIA500, degree	32.55	12.67	31.09	11.71	39.69	13.85	< 0.001
TIA750, degree	33.25	12.72	31.92	12.26	40.47	12.00	< 0.001
LV, mm	0.23	0.33	0.25	0.32	0.05	0.29	< 0.001
ACW, mm	11.48	0.43	11.45	0.43	11.61	0.45	< 0.001
ATA, mm	11.68	0.55	11.66	0.56	11.83	0.52	0.003

AOD=angle open distance; ARA=angle recess area; TISA=trabecular-iris space area;

TIA= trabecular-iris angle; ACD= central anterior chamber depth; LV=lens vault;

ACW=anterior chamber width; ATA=angle to angle width.

Bold indicates statistical significance.

Supplementary Table 2. Multivariate linear regression of percent Δ AOD500 after adjusting each other factors and changes of pupil diameter after pupil dilation.

Parameter	Coefficient (95%CI)	P-value
Age, per 1-year increase	-2.74 (-3.12, -2.35)	< 0.001
Presence of high myopia (AL>26.0 mm)	15.09 (5.51, 24.68)	0.002
TISA500, per 1-mm ² increase	74.36 (31.85, 116.88,)	0.001
ATA, per 1-mm increase	10.96 (5.37, 16.56)	< 0.001
Δ Pupil diameter, per 1-mm increase	-1.42 (-5.29, 2.45)	0.472

AL=Axial length; TISA=trabecular-iris space area; ATA=Angle to angle width.

Bold indicates statistical significance.