

Table S3. Multivariate analysis of parameters associated with absolute changes in total retinal thickness over 4 years in the subfoveal (1-mm), 3-mm and 6-mm central circles in eyes that did not develop any geographic atrophy (central or non-central) over four years (N=71).

Parameter	Change in Total Retinal Thickness In Central 1-mm circle (μm)		Change in Total Retinal Thickness In Central 3-mm circle (μm)		Change in Total Retinal Thickness In Central 6-mm circle (μm)	
		p-value		p-value		p-value
Age at Baseline	0.34 (0.031, 0.65)	0.031	0.089 (-0.11, 0.29)	0.38	0.00028 (-0.14, 0.14)	0.99
Male (%)	-2.17 (-6.81, 2.48)	0.35	-1.57 (-4.60, 1.46)	0.30	-1.28 (-3.36, 0.80)	0.22
Smoking (%)	1.67 (-2.95, 6.30)	0.47	1.52 (-1.5, 4.54)	0.32	0.96 (-1.04, 2.97)	0.34
BCVA baseline	0.50 (-0.059, 1.05)	0.079	0.074 (-0.28, 0.44)	0.68	-0.032 (-0.28, 0.21)	0.79
Change in BCVA over 4 Years (letters)	0.56 (0.12, 0.99)	0.013	0.21 (-0.07, 0.49)	0.15	-0.0078 (-0.20, 0.19)	0.94
Pseudophakia	-4.36 (-10.60, 1.88)	0.17	-2.96 (-7.03, 1.11)	0.15	-0.40 (-3.16, 2.35)	0.77
Group 1 vs Group 0	-4.35 (-10.06, 2.25)	0.19	-4.12 (-8.44, 0.19)	0.061	-2.96 (-5.89, -0.020)	0.049
Group 2 vs Group 0	-2.31 (-8.21, 3.58)	0.44	-3.89 (-7.74, -0.041)	0.048	-1.05 (-3.65, 1.53)	0.42
Group SDD vs Group 0	-7.27 (-15.71, 1.18)	0.09	-9.97 (-15.49, -4.46)	0.0006	-5.48 (-9.23, -1.74)	0.0049
Choroid Thickness (mm) at baseline*	-0.0017 (-0.031, 0.034)	0.91	-0.00051 (-0, 0.020)	0.96	-0.0011(-0.018, 0.016)	0.90
Choroid Vascularity Index (%) at Baseline*	25.96 (-21.35, 73.26)	0.28	7.35 (-23.52, 38.21)	0.64	5.32 (-21.73, 32.37)	0.70

Values represent estimates with 95% confidence intervals in parenthesis. Significant estimates are highlighted in bold.

*Choroidal features were assessed in a single horizontal scan traversing the fovea across the central 3-mm region centered on the fovea for TRT in central 1mm- and 3mm-circle. Choroidal features were assessed in a single horizontal scan traversing the fovea across the central 6-mm region centered on the fovea for TRT in central in central 6-mm circle.