

**Supplementary Table 1.** Comparison of retinal thickness between OIS and fellow eyes

Thickness (µm)	Retina		Retinal nerve fiber layer		p-value	Ganglion cell layer++		Ganglion cell layer+			
	OIS eyes	Unaffected eyes	OIS eyes	Unaffected eyes		OIS eyes	Unaffected eyes	OIS eyes	Unaffected eyes		
Central area	274.38 ± 89.08	251.38 ± 31.91	11.06 ± 7.54	8.63 ± 4.83	0.244	71.63 ± 57.71	54.06 ± 13.82	0.453	53.38 ± 27.01	45.19 ± 10.72	0.408
Inner ring area											
Superior	316.13 ± 63.55	306.38 ± 45.82	33.63 ± 13.42	27.38 ± 5.07	0.062	110.13 ± 36.67	110.63 ± 28.46	0.587	76.50 ± 27.28	83.19 ± 25.04	0.224
Nasal	334.94 ± 80.44	316.94 ± 38.02	45.00 ± 37.99	25.69 ± 2.41	0.031	121.94 ± 52.66	111.81 ± 20.35	0.816	76.37 ± 25.13	86.06 ± 19.01	0.103
Inferior	315.50 ± 62.59	311.88 ± 20.76	36.94 ± 19.82	28.00 ± 3.83	0.049	113.37 ± 37.83	115.69 ± 14.41	0.698	76.50 ± 22.20	87.63 ± 10.87	0.088
Temporal	296.63 ± 55.74	298.75 ± 33.26	23.87 ± 5.66	23.12 ± 2.34	0.637	97.50 ± 29.17	102.94 ± 18.56	0.352	73.50 ± 25.84	79.81 ± 18.01	0.289
Outer ring area											
Superior	292.81 ± 40.21	265.44 ± 33.19	48.25 ± 14.38	37.88 ± 11.59	0.023	101.69 ± 34.45	96.63 ± 26.91	0.469	59.25 ± 13.51	58.69 ± 17.20	0.379
Nasal	312.62 ± 39.44	287.94 ± 25.21	59.62 ± 16.59	48.75 ± 6.95	0.026	122.88 ± 27.81	115.75 ± 15.16	0.214	63.00 ± 15.95	66.88 ± 10.72	0.469
Inferior	274.00 ± 36.60	260.38 ± 17.70	46.44 ± 16.00	40.56 ± 8.79	0.109	99.50 ± 27.93	99.44 ± 14.16	0.589	53.13 ± 15.97	58.81 ± 7.16	0.133
Temporal	261.13 ± 42.60	254.88 ± 27.63	23.87 ± 7.55	22.81 ± 3.94	0.549	81.50 ± 22.65	85.75 ± 19.56	0.379	57.19 ± 19.90	62.81 ± 15.91	0.201
Central/inner ring area, mean	307.51 ± 67.66	297.06 ± 31.81	30.10 ± 15.52	22.56 ± 2.32	0.109	102.91 ± 40.23	99.03 ± 16.82	0.959	71.25 ± 23.85	76.38 ± 15.30	0.408
Central/inner/outer ring area, mean	297.57 ± 52.73	283.77 ± 27.55	36.52 ± 12.84	29.20 ± 4.23	0.034	102.24 ± 31.58	99.19 ± 16.24	0.959	65.42 ± 19.78	69.90 ± 13.17	0.301

Values are presented as mean ± standard deviation. OIS, ocular ischemic syndrome.