

Table S2a: **Retinal thickness measurements derived from histology sections.** Estimated means and 95% confidence intervals (95% CI) based on the linear models for all histology section-derived retinal layer/zone thickness measurements at positions 1, 2, 3, 4, and 6mm ventral to the central and nasal ONH rim. Means that have either no superscript or no identical superscript are significantly different from each other (P<0.05). Means with identical superscript are not significantly different from each other (P>0.05). All measurements in μm .

Retinal layer/zone thickness on histology: mean (95% CI)						
Distance from ONH		1mm	2mm	3mm	4mm	6mm
IR	nasal	106.94 (104.74;109.13)	103.33 (101.13;105.53)	99.08 (96.90;101.25)	93.97 (91.81;96.12)	82.91 (80.74;85.08)
	central	107.91 (105.75;110.07)	103.32 (101.17;105.48)	98.35 (96.19;100.51)	95.20 (93.04;97.37)	86.59 (84.43;88.75)
INL	nasal	20.86 ^a (20.33;21.39)	20.74 ^a (20.20;21.27)	18.75 ^b (18.23;19.27)	18.24 ^b (17.73;18.76)	15.82 (15.30;16.34)
	central	17.50 (17.04;17.96)	22.12 (21.66;22.57)	19.31 (18.85;19.77)	18.21 (17.75;18.67)	16.25 (15.79;16.70)
ONL	nasal	27.31 ^c (26.39;28.22)	27.68 ^c (26.76;28.60)	26.50 (25.62;27.44)	24.79 (23.88;25.69)	20.71 (19.80;21.62)
	central	27.66 (26.92;28.40)	26.09 ^d (25.35;26.83)	26.23 ^d (25.49;26.97)	25.17 (24.43;25.91)	21.11 (20.36;21.85)
OR	nasal	31.11 ^e (30.36;31.85)	31.67 ^e (30.91;32.42)	31.59 ^e (30.85;32.33)	28.82 (28.09;29.56)	25.92 (25.18;26.66)
	central	29.33 (28.82;29.84)	32.11 (31.61;32.61)	34.44 (33.93;34.95)	30.74 (30.24;31.24)	26.61 (26.11;27.11)
PROS	nasal	19.14 (18.68;19.60)	17.65 (17.19;18.11)	16.27 (15.81;16.72)	13.96 (13.51;14.41)	11.90 (11.44;12.34)
	central	14.59 (14.24;14.94)	18.12 (17.78;18.46)	20.22 (19.87;20.57)	16.32 (15.97;16.66)	12.47 (12.13;12.81)