

Supplementary table 2 : Statistical summary of retinal parameters

				Mean ± SD		Linear Mixed Model						Mean ± SD		Linear Mixed Model					
				Carriers	Controls	F value	P value			Carriers	Controls	F value	P value						
TRL	Nasal	Perifoveal	335.73 ± 21.06	347.31 ± 15.47	5.76	<b>0.02</b>	RNFL	Nasal	Perifoveal	25.32 ± 4.50	28.67 ± 4.85	13.65	< <b>0.001</b>	Parafoveal	14.68 ± 3.43	13.74 ± 2.76	3.3	0.071	
		Parafoveal	343.58 ± 17.71	349.20 ± 13.75	1.56	0.215			Parafoveal	11.41 ± 3.08	11.78 ± 2.79	0.48	0.489						
	Temporal	Parafoveal	304.56 ± 15.86	320.51 ± 17.46	13.89	<b>0.000</b>		Temporal	Parafoveal	8.77 ± 2.06	9.87 ± 2.25	7.92	<b>0.006</b>						
		Perifoveal	327.98 ± 13.59	333.00 ± 10.45	2.3	0.135													
IRL	Nasal	Perifoveal	160.71 ± 16.03	168.86 ± 10.26	5.72	<b>0.02</b>	GCL + IPL	Nasal	Perifoveal	90.88 ± 11.95	95.26 ± 9.38	4.95	<b>0.028</b>	Parafoveal	90.35 ± 10.24	93.00 ± 9.04	1.9	0.172	
		Parafoveal	148.84 ± 12.84	149.76 ± 10.14	0.09	0.769			Parafoveal	81.04 ± 8.21	88.74 ± 9.39	21.71	< <b>0.001</b>						
	Temporal	Parafoveal	131.79 ± 11.11	143.96 ± 11.46	18.51	<b>0.000</b>		Temporal	Perifoveal	83.85 ± 7.58	81.86 ± 7.01	2.08	0.152						
		Perifoveal	134.32 ± 9.33	134.17 ± 9.54	0.00	0.989													
ORL	Nasal	Perifoveal	175.02 ± 10.62	178.45 ± 9.13	1.81	0.184	INL	Nasal	Perifoveal	44.51 ± 6.85	44.93 ± 5.01	0.14	0.707	Parafoveal	43.80 ± 6.39	43.02 ± 6.12	0.66	0.454	
		Parafoveal	194.74 ± 11.51	199.44 ± 9.83	2.73	0.104			Parafoveal	39.34 ± 6.81	43.44 ± 4.96	12.99	< <b>0.001</b>						
	Temporal	Parafoveal	172.78 ± 9.83	176.54 ± 9.32	2.14	0.149		Temporal	Perifoveal	41.69 ± 6.16	42.44 ± 5.58	0.33	0.565						
		Perifoveal	193.67 ± 10.48	198.83 ± 10.14	3.34	0.073			Perifoveal	29.43 ± 6.5	28.69 ± 4.32	0.43	0.512						
				Median				OPL	Nasal	Parafoveal	29.50 ± 10.58	28.25 ± 4.94	0.66	0.419					
				Carriers	Controls	P Value	Temporal			Parafoveal	24.40 ± 4.41	24.35 ± 4.03	0.01	0.977					
TRL		237.5	224.041	<b>0.009</b>	ONL	Nasal			Perifoveal	65.33 ± 10.10	69.11 ± 7.41	5.01	<b>0.027</b>	Parafoveal	79.89 ± 13.38	84.15 ± 9.03	4.3	<b>0.041</b>	
IRL		8.98	0	< <b>0.001</b>			Temporal		Parafoveal	66.69 ± 6.73	70.04 ± 6.97	7.11	<b>0.009</b>						
ORL		222.48	222.83	0.432		Temporal		Perifoveal	83.49 ± 6.96	88.07 ± 9.55	9.15	<b>0.003</b>							
				Median					IS	Nasal	Perifoveal	24.77 ± 3.12	26.07 ± 2.75	5.44	<b>0.022</b>	Parafoveal	27.93 ± 3.24	29.36 ± 2.90	5.89
				Carriers	Controls	P Value	Temporal	Parafoveal			24.70 ± 2.40	26.32 ± 2.52	11.29	<b>0.001</b>					
RNFL		0	0	<b>0.013</b>	OS	Nasal		Perifoveal	18.32 ± 4.15	18.16 ± 4.62	0.04	0.848	Parafoveal	19.71 ± 3.49	20.50 ± 4.25	1.12	0.293		
GCL +IPL		3.17	0	< <b>0.001</b>			Temporal	Parafoveal	18.76 ± 3.68	18.64 ± 4.88	0.02	0.886							
INL		3.03	0	< <b>0.001</b>		Temporal		Perifoveal	19.72 ± 3.44	20.66 ± 4.57	1.46	0.230							
OPL		9.08	1.66	< <b>0.001</b>			COST	Nasal	Perifoveal	23.22 ± 3.42	22.37 ± 4.99	1.07	0.302	Parafoveal	23.56 ± 3.58	22.92 ± 4.46	0.69	0.409	
ONL		105.53	107.91	0.994	Temporal	Parafoveal			22.78 ± 3.90	22.72 ± 4.83	0.01	0.939							
IS		32.48	33.5	0.277		Temporal		Perifoveal	23.63 ± 3.70	22.98 ± 4.76	0.65	0.421							
OS		41.664	43.31	0.546	RPE			Nasal	Perifoveal	13.96 ± 3.74	14.04 ± 4.38	0.01	0.922	Parafoveal	14.15 ± 3.83	14.27 ± 4.19	0.01	0.905	
COST		18.44	19.55	0.372		Temporal	Parafoveal		15.45 ± 3.68	14.47 ± 4.58	1.53	0.219							
RPE		15.43	14.17	0.327			Temporal	Perifoveal	15.34 ± 3.45	14.85 ± 4.25	0.46	0.499							