

**Supplementary Table S3 Sensitivity analysis of participants with or without diabetic retinopathy.**

	Ologit With DR				Ologit Without DR			
	OR	[95% Conf. Interval]	<i>p</i>	FDR- <i>p</i>	OR	[95% Conf. Interval]	<i>p</i>	FDR- <i>p</i>
RNFL, $\mu$ m	0.982	(0.973 to 0.992)	< <b>0.001</b>	<b>0.003</b>	0.983	(0.973 to 0.993)	<b>0.001</b>	<b>0.003</b>
GCL-IPL, $\mu$ m	0.992	(0.985 to 1.000)	<b>0.041</b>	0.082	0.992	(0.984 to 1.000)	<b>0.034</b>	0.068
INL, $\mu$ m	0.984	(0.967 to 1.002)	0.089	0.133	0.982	(0.964 to 1.000)	0.051	0.081
ISOS-RPE, $\mu$ m	0.980	(0.969 to 0.990)	< <b>0.001</b>	<b>0.003</b>	0.982	(0.972 to 0.993)	<b>0.001</b>	<b>0.003</b>
ELM-ISOS, $\mu$ m	0.976	(0.948 to 1.005)	0.1	0.133	0.973	(0.946 to 1.002)	0.072	0.096
RPE, $\mu$ m	1.005	(0.990 to 1.020)	0.51	0.51	1.005	(0.990 to 1.020)	0.513	0.513
Macular Thickness, $\mu$ m	0.992	(0.989 to 0.995)	< <b>0.001</b>	<b>0.003</b>	0.992	(0.989 to 0.995)	< <b>0.001</b>	<b>0.003</b>
Macular volume, mm <sup>3</sup>	0.889	(0.738 to 1.071)	0.216	0.247	0.889	(0.738 to 1.071)	0.216	0.247

Model 1 was adjusted for age and gender.

Model 2 was adjusted for age, gender, education level, ethnicity, smoking status, drinking status, health status, physical activity level, townsend index, BMI, hypertension, hyperlipidemia, blood calcium, blood uric acid

FDR-P: False Discovery Rate-adjusted *p*-value calculated using the Benjamini-Hochberg procedure.