

SUPPLEMENTARY DATA

Supplementary Table 1. Statistical analysis, using information from both eyes and generalized estimating equations to correct for interocular correlations. (comparisons are corrected for multiple comparisons, PLSD). Chosen outcome measures: CCT – Cambridge Colour Test (tritan threshold); mfERG: P1-wave amplitude (amp) and implicit time (IT) of ring 1. These results replicate the more conservative analysis shown in the main text.

Variables Groups	CCT - Tritan	mfERG – P1 amp (Ring 1)	mfERG – P1 IT (Ring 1)
Controls vs Diab/no leakage	p=0.01	p<0.0001	ns (p=0.95)
Controls vs Diab/ Leakage	p<0.0001	p<0.0001	ns (p=0.2)
Diabetics Leak vs no leak.	ns (p=0.2)	ns (p=0.2)	ns (p=0.4)