



Supplementary Figure S1. Patterns of microperimetry testing with macular integrity assessment (MAIA) using small grid containing 37 radially distributed (37R) test loci spanning 6° of central macula (A) and large grid containing 68 test loci spanning approximately 20° of central macula (B). Standard early treatment diabetic retinopathy study (ETDRS) grid used for calculating macular volume profiles (C). Central subfield (CS), average inner ring (IN, IS, IT, II), average outer ring (ON, OS, OT, OI) and total macular volumes were measured for all patients and used for calculating other parameters. Adaptive optics imaging cone mosaic montage overlaid on infrared retinal image shows regions of interest used for cone mosaic analyses (D). CS = central subfield; IN = inner nasal; IS = inner superior; IT = inner temporal; II = inner inferior; ON = outer nasal; OS = outer superior; OT = outer temporal; OI = outer inferior.