Supplementary Table 2: Retinal and choroidal imaging parameters of all subjects at baseline

Parameters	APOE ε4+ and Family history of dementia N= 129 eyes (67 subjects)	APOE ε4− and no family history of dementia N= 106 eyes (56 subjects)	P-value[a]
OCT parameters, mean (SD)			
CST, microns	265.1 (21.91)	265.3 (22.71)	0.799
Average GC-IPL thickness, microns	75.97 (7.64)	75.08 (7.47)	0.894
Average RNFL thickness, microns	88.29 (9.96)	87.95 (9.89)	0.741
Choroidal parameters, mean (SD)			
Total choroidal area, units^2 [b]	4.76 (0.99)	4.65 (1.06)	0.498
Luminal area, units^2 [b]	3.24 (0.66)	3.16 (0.71)	0.484
Choroidal vascularity index, %	0.68 (0.02)	0.68 (0.02)	0.905
OCTA parameters, mean (SD)			
FAZ area, mm^2	0.25 (0.09)	0.25 (0.11)	0.724
PD (3mm ETDRS circle)	0.36 (0.03)	0.35 (0.03)	0.869
PD (3mm ETDRS ring)	0.38 (0.03)	0.37 (0.03)	0.909
VD (3mm ETDRS circle), mm^{-1}	20.05 (1.67)	19.67 (1.52)	0.806
VD (3mm ETDRS ring), mm^{-1}	21.12 (1.69)	20.73 (1.54)	0.851
PD (6mm ETDRS circle)	0.44 (0.03)	0.43 (0.03)	0.673
PD (6mm ETDRS outer ring)	0.45 (0.03)	0.44 (0.04)	0.833
PD (6mm ETDRS inner ring)	0.43 (0.03)	0.43 (0.03)	0.419
VD (6mm ETDRS circle), mm^{-1}	17.90 (1.24)	17.73 (1.29)	0.845
VD (6mm ETDRS outer ring), mm^{-1}	18.15 (1.27)	17.93 (1.45)	0.932
VD (6mm ETDRS inner ring), mm^{-1}	18.05 (1.27)	18.00 (1.16)	0.494
Peripapillary OCTA parameters, mean (SD)			
CPD (average), %	43.86 (1.84)	43.41 (2.01)	0.620
CPD (superior), %	42.28 (2.84)	42.31 (2.64)	0.392
CPD (nasal), %	42.36 (2.73)	42.64 (2.41)	0.246
CPD (inferior), %	44.64 (2.94)	43.87 (3.01)	0.865
CPD (temporal), %	46.20 (2.72)	45.23 (3.01)	0.149
CFI (average)	0.40 (0.04)	0.41 (0.04)	0.612
CFI (superior)	0.40 (0.04)	0.41 (0.04)	0.425
CFI (nasal)	0.39 (0.06)	0.39 (0.06)	0.720
CFI (inferior)	0.41 (0.03)	0.41 (0.03)	0.651
CFI (temporal)	0.40 (0.06)	0.41 (0.06)	0.606

CST=central subfield thickness, GC-IPL=ganglion cell-inner plexiform layer, RNFL=retinal nerve fiber layer, FAZ=foveal avascular zone, PD=perfusion density, VD=vessel density, ETDRS=Early Treatment Diabetic Retinopathy Study, CPD=capillary perfusion density, CFI=capillary flux index.

[a]P-values based on generalized estimating equations (GEE) model score statistic for testing differences among and between means. P-values from GEE model adjusted for sex and age.

[b]Units^2= 96×96 pixels^2