**Supplementary Figure 1: Adjusted means (95% CI) of change from baseline in retinal layers**

**A) Absolute change after adjusting for baseline MRI variables and MS duration**

A graph of a number of numbers and a line

Description automatically generated with medium confidence A graph of a number of blue and gray bars

Description automatically generated with medium confidenceA graph of a number of retinal thickness

Description automatically generated

**B) Percentage change**

**A graph of a graph with numbers and a graph

Description automatically generated with medium confidence**  **A graph of a number of blue and black bars

Description automatically generated with medium confidence** A graph of a graph with numbers and a number of different colored squares

Description automatically generated with medium confidence

A) Models were adjusted for treatment, age, sex, baseline value, baseline number of gadolinium-enhancing T1 lesions, baseline volume of T2 lesions, duration of MS since first symptom (years), baseline volume of unenhanced T1 lesions, and treatment by time point interaction. B) Models were adjusted for treatment, age, sex, baseline value and treatment by time point interaction.

GCIPL thickness was calculated as the average of central area, inner inferior, inner nasal, inner superior and inner temporal GCIPL thickness if at least 4 out of 5 measurements were nonmissing at the respective visit, for the right and left eye, respectively. Retinal thickness was calculated as the average of central area inner inferior, inner nasal, inner superior and inner temporal thickness if at least 4 out of 5 measurements were nonmissing at the respective visit, for the right and left eye, respectively. Negative values correspond to a decrease from baseline.

CI, confidence interval; GCIPL, ganglion cell and inner plexiform layers; pRNFL, peripapillary retinal nerve fiber layer. N' is the number of participants included in the analysis (i.e., with at least one postbaseline value and nonmissing covariates).