



Supplementary Figure 2: Optical coherence tomography angiography (OCTA) segmentation used to visualize the three capillary plexuses in Method 2.

A. The superficial capillary plexus (SCP) boundaries were set with the inner boundary at $3\ \mu\text{m}$ beneath the internal limiting membrane (ILM), and the outer boundary set at a level sufficient to incorporate the nerve fiber layer (NFL) and ganglion cell layer (GCL). **B.** The middle capillary plexus (MCP) was captured with a thin $15\ \mu\text{m}$ slab that was set at the inner border of the inner nuclear layer (INL) **C.** The deep capillary plexus (DCP) was captured with a thin $15\ \mu\text{m}$ slab set at the outer border of the INL.