

Table S1. Spearman correlation coefficients of the optical coherence tomography angiography (OCTA) parameters between eyes with rhegmatogenous retinal detachment and their fellow eyes.

	<b>Superficial capillary plexus</b>					
	VDI RRD	VDI FE	VAD RRD	VAD FE	VSD RRD	VSD FE
VDI RRD SCC p	1	0.188 0.3910	-0.287 0.1850	-0.001 0.9964	-0.844 <0.0001	-0.259 0.2329
VDI FE SCC p	0.188 0.3910	1	0.174 0.4274	0.153 0.4854	-0.005 0.9822	-0.711 0.0001
VAD RRD SCC p	-0.287 0.1850	0.174 0.4274	1	0.304 0.1580	0.678 0.0004	0.226 0.2992
VAD FE SCC p	-0.001 0.9964	0.153 0.4854	0.304 0.1580	1	0.215 0.3236	0.434 0.0386
VSD RRD SCC p	-0.844 <0.0001	-0.005 0.9822	0.678 0.0004	0.215 0.3236	1	0.302 0.1608
VSD FE SCC p	-0.259 0.2329	-0.711 0.0001	0.226 0.2992	0.434 0.0386	0.302 0.1608	1
	<b>Deep capillary plexus</b>					
	VDI RRD	VDI FE	VAD RRD	VAD FE	VSD RRD	VSD FE
VDI RRD SCC p	1	0.250 0.2499	0.503 0.0144	0.113 0.6088	0.011 0.9607	0.061 0.7812
VDI FE SCC p	0.250 0.2499	1	-0.011 0.9607	-0.119 0.5900	-0.080 0.7166	-0.303 0.1594
VAD RRD SCC p	0.503 0.0144	-0.011 0.9607	1	0.403 0.0565	0.846 <0.0001	0.357 0.0948
VAD FE SCC p	0.113 0.6088	-0.119 0.5900	0.403 0.0565	1	0.318 0.1390	0.966 <0.0001
VSD RRD SCC p	0.011 0.9607	-0.080 0.7166	0.846 <0.0001	0.318 0.1390	1	0.266 0.2202
VSD FE SCC p	0.910 <0.0001	0.037 0.8685	0.601 0.0024	0.150 0.4939	0.144 0.5113	0.133 0.5440

SCC: Spearman correlation coefficient; RRD: Eye with rhegmatogenous retinal detachment; FE: Fellow eye; VDI: vessel diameter index; VAD: Vessel area density; VSD: Vessel skeleton density.