Supplementary Table 1: Capillary perfusion density quantitative intra-session differences

Diagnosis		Alzheimer disease	Mild cognitive impairment	Parkinson disease	Normal cognition	Between-group p**
N (eyes)		46	85	87	156	
Average	**Mean Δ**	0.06	0.08	0.06	0.01	0.671
	(SD)	(0.79)	(0.61)	(0.76)	(0.76)	
	%Δ	0.14%	0.18%	0.13%	0.02%	
	Within-group p*	0.739	0.503	0.225	0.943	
Superior	**Mean Δ**	0.17	0.08	0.04	0.13	0.675
	(SD)	(1.57)	(1.28)	(1.06)	(1.21)	
	%Δ	0.39%	0.19%	0.09%	0.30%	
	Within-group p*	0.364	0.665	0.737	0.298	
Nasal	**Mean Δ**	0.34	0.03	0.04	0.02	0.936
	(SD)	(2.15)	(1.36)	(1.41)	(1.79)	
	%Δ	0.78%	0.07%	0.09%	0.05%	
	Within-group p*	0.435	0.996	0.780	0.760	
Inferior	**Mean Δ**	0.42	0.18	0.01	0.04	0.180
	(SD)	(1.50)	(1.26)	(1.30)	(1.28)	
	%Δ	0.95%	0.41%	0.02%	0.09%	
	Within-group p*	0.087	0.781	0.128	0.876	
Temporal	**Mean Δ**	0.59	0.23	0.10	0.26	0.449
	(SD)	(1.74)	(1.78)	(1.72)	(1.65)	
	%Δ	1.26%	0.49%	0.21%	0.56%	
	Within-group p*	0.062	0.869	0.298	0.073	

*Within-group p calculated using the Wilcoxon signed rank test of median difference.

**Between-group p calculated using the Kruskal-Wallis test of difference among medians.