

Supplementary Table 1. Comparison between eyes of NMOSD patients without ON attack and fellow eyes of patients with unilateral ON attack. Mann-Whitney U test applied to calculate statistical difference between groups.

	Eyes of NMOSD Patients without ON Attack	Fellow Eyes of NMOSD Patients with unilateral ON Attack	P
Peripapillary RNFL parameters: (median [IQR], μm)			
Superior	126.00 [121.88-136.50]	123.50 [108.88-141.75]	0.666
Inferior	124.00 [120.13-134.50]	115.75 [104.25-133.63]	0.230
Temporal	65.5 [60.75-73.75]	57.50 [47.75-82.25]	0.570
Nasal	68.00 [66.50-75.25]	71.50 [51.5-87.00]	0.946
Global	100.00 [95.50-108.00]	98.00 [79.75-115.00]	0.613
IVCM parameters (median [IQR]):			
CNFL (mm/mm²)	30.36 [16.56-32.97]	26.04 [16.65-32.34]	0.739
CNFD (fibers/mm²)	189.79 [103.51-206.11]	162.75 [104.08-202.12]	0.739
CNBL (mm/mm²)	8.78 [2.57-12.95]	7.89 [5.62-8.92]	0.591
CNBD (fibers/mm²)	54.91 [16.07-80.94]	49.31 [35.13-55.79]	0.591
DC density (cells/mm²)	21.87 [10.93-34.37]	9.37 [6.25-121.87]	0.368

Abbreviations: NMOSD, Neuromyelitis Optica spectrum disorders; ON, Optic Neuritis; RNFL, retinal nerve fiber layer; CNFL, corneal nerve fiber length; CNBL, corneal nerve branch length; CNFD, corneal nerve fiber density; CNBD, corneal nerve branch density; DC, dendritic cell; IQR, interquartile range.