

Supplemental Table 1. Risk for disability progress over 3 years depending on pRNFL and mGCIPL at baseline in a binary logistic multivariate regression model.

pRNFL				mGCIPL			
	OR	95% CI	p value		OR	95% CI	p value
Age at baseline (per year)	1.1	0.9 – 1.2	0.491	Age at baseline (per year)	1.0	0.9 – 1.1	0.523
Male sex	1.1	0.4 – 3.2	0.798	Male sex	1.1	0.3 – 3.2	0.842
EDSS baseline (per 1 point) ¹	1.9	1.3 – 2.8	<0.001	EDSS baseline (per 1 point) ¹	1.9	1.3 – 2.7	<0.001
SDMT baseline (per 5 points) ²	0.4	0.3 – 0.7	<0.001	SDMT baseline (per 5 points) ²	0.5	0.3 – 0.7	0.001
DMT exposure	0.8	0.6 – 1.2	0.365	DMT exposure	0.8	0.5 – 1.1	0.068
pRNFL baseline ≤87μm	2.5	1.3 – 4.4	<0.001	mGCIPL baseline <77μm	2.9	1.6 – 5.0	<0.001
	R square 0.561; p<0.001				R square 0.638; p<0.001		

MS: multiple sclerosis. pRNFL: peripapillary retinal nerve fibre layer. mGCIPL: macular ganglion cell and inner plexiform layer. OR: odds ratio. 95% CI: 95% confidence interval. EDSS: Expanded Disability Status Scale. SDMT: symbol digit modalities test. DMT: disease modifying therapy.

¹ higher values indicate higher physical disability

² lower values indicate higher cognitive disability