

**eTable 4. Different pRNFL-z thresholds predicting future disability worsening at two-year follow-up in****Sys4MS cohort**

pRNFL-z threshold	$\leq -1$	$\leq -1.5$	$\leq -2$
	OR [95%CI], p-value		
Low pRNFL-z	2.34 [0.91 – 6.07], p = 0.079	2.70 [1.09 – 6.68], p = 0.032	4.85 [1.41 – 16.67], p = 0.012
Female	1.66 [0.79 – 3.34], p = 0.154	1.54 [0.74 – 3.09], p = 0.208	1.64 [0.78 – 3.36], p = 0.167
Baseline EDSS	0.97 [0.74 – 1.27], p = 0.840	0.94 [0.71 – 1.24], p = 0.655	0.98 [0.74 – 1.28], p = 0.856
Disease duration	1.03 [0.97 – 1.08], p = 0.335	1.03 [0.97 – 1.08], p = 0.367	1.02 [0.96 – 1.08], p = 0.539
Received DMT	0.53 [0.22 – 1.29], p = 0.161	0.48 [0.19 – 1.20], p = 0.115	0.48 [0.19 – 1.21], p = 0.119

**Abbreviations:** DMT: disease-modifying therapies; EDSS: Expanded Disability Status Scale; OR: odds ratio;

pRNFL-z: peripapillary retinal nerve fiber layer thickness age-adjusted z-score.