

Supplementary Table S1. Calibration results for *default model* simulation of adults with relapsing-onset MS, ages 30 to 74.

	EDSS 0-2.5	EDSS 3.0-5.5	EDSS 6.0-7.5	EDSS 8.0-9.5
Calibration targets (Table 2) for ARR by EDSS category	N/A	0.19	0.12	0.04
	Maximum age-related decrease (29%/5y) in ARR, no decrease by EDSS			
Weighted ARR by p-y at EDSS category	0.27	0.18	0.11	0.08
	Final age-related decrease (28%/5y) in ARR, 66% decrease in ARR at EDSS scores 8.0- 9.5 relative to 0-5.5			
Weighted ARR by p-y at EDSS category	0.28	0.19	0.12	0.04

Key: ARR= annualized relapse rate; EDSS= Expanded Disability Status Scale; N/A= not applicable; p-y= person-years. Calibration targets for ARR by EDSS score categories are bolded.