

**Supplementary material 2.** Baseline data for the population-based and outpatient-based MS cohorts. Data is presented as average values (standard deviation).

Variables	Population-based (n=110)	Outpatient-based (n=154)	All (n=264)
Age (years)	48.4 (11.0)	45.0 (11.5)	46.3 (11.4)
Disease severity (EDSS)	4.3 (2.2)	3.0 (2.2)	3.6 (2.3)
Ambulation status (gait speed, m/s)	0.85 (0.52)	1.42 (0.64)	1.19 (0.66)
Manual dexterity (NHPT, pegs/sec)	0.48 (0.16)	0.77 (0.22)	0.65 (0.24)
Cognition (SDMT, correct responses)	35.5 (13.6)	39.0 (13.4)	37.6 (13.5)
Mood (BDI)	7.7 (6.2)	8.9 (6.6)	8.4 (6.5)

MS: multiple sclerosis; EDSS: Expanded Disability Status Scale; NHPT: Nine-Hole Peg Test; SDMT:

Symbol Digit Modalities Test; BDI: Beck Depression Inventory.