

**Supplementary material 3.** Univariate logistic regression models for factors associated with sustained participation in complex and social everyday activities between baseline and the 10-year follow-up in people mildly, moderately and severely affected by MS at baseline.

	Mild MS (n=142)		Moderate MS (n=84)		Severe MS (n=38)	
	OR (95% CI)	<i>P</i> -value	OR (95% CI)	<i>P</i> -value	OR (95% CI)	<i>P</i> -value
<i>Age</i>						
<41 years	1.12 (0.55–2.28)	.756	0.66 (0.18–2.91)	.658	NA	
≥41 years	1.00 (reference)		1.00 (reference)			
<i>Sex</i>						
Male	1.88 (0.83–4.26)	.131	1.35 (0.50–3.67)	.555	2.00 (0.11–34.82)	.634
Female	1.00 (reference)		1.00 (reference)		1.00 (reference)	
<i>Living situation</i>						
Co-habiting	1.13 (0.51–2.25)	.760	0.83 (0.31–2.31)	.726	NA	
Living alone	1.00 (reference)		1.00 (reference)			
<i>Work status</i>						
Working	1.02 (0.50–2.07)	.959	0.60 (0.23–1.60)	.309	NA	
Not working	1.00 (reference)		1.00 (reference)			
<i>Education</i>						
Higher education	2.86 (1.32–6.16)	.007	1.29 (0.46–3.60)	.622	1.57 (0.09–27.21)	.756
Basic education	1.00 (reference)		1.00 (reference)		1.00 (reference)	
<i>Immunomodulatory treatment</i>						
Treatment	0.92 (0.43–1.97)	.828	0.77 (0.28–2.15)	.622	NA	
No treatment	1.00 (reference)		1.00 (reference)			
<i>MS type</i>						
Relapsing MS	2.23 (0.78–6.38)	.134	0.59 (0.17–1.99)	.393	NA	
Progressive MS	1.00 (reference)		1.00 (reference)			
<i>Ambulation status</i>						
Community ambulators (≥1.2m/s)	5.93 (2.40–14.65)	<.001	0.93 (0.23–3.80)	.919	NA	
Limited ambulators (0–1.2m/s)	1.00 (reference)		1.00 (reference)			
<i>Manual dexterity</i>						
NHPT ≥0.5 pgs/sec	3.74 (0.85–16.39)	.080	2.89 (1.05–7.95)	<b>.040</b>	NA	
NHPT <0.5 pgs/sec	1.00 (reference)		1.00 (reference)			
<i>Cognition</i>						
SDMT ≥32 correct responses	5.16 (2.12–12.57)	<b>&lt;.001</b>	2.82 (1.04–7.66)	<b>.042</b>	NA	
SDMT <32 correct responses	1.00 (reference)		1.00 (reference)			
<i>Mood</i>						
BDI 0–12 points	1.58 (0.66–3.75)	.303	1.52 (0.48–4.77)	.473	0.18 (0.01–3.47)	.260
BDI ≥13 points	1.00 (reference)		1.00 (reference)		1.00 (reference)	

MS: multiple sclerosis; OR: odds ratio; NA: not applicable; NHPT: Nine-Hole Peg Test; SDMT: Symbol Digit Modalities Test; BDI: Beck Depression Inventory.