Supplementary table 2. Baseline clinical and demographic characteristics and outcomes in treated versus not treated patients.

| Baseline characteristics          | Not treated (n=190) | Treated (n=211) | p    |
|-----------------------------------|---------------------|-----------------|------|
| **Females: n (%)**                | 136 (71.6)          | 151 (71.6)      | 1    |
| **Mean (SD) age in years**        | 31.6 (8.6)          | 28.5 (7.4)      | <0.001|
| **CIS topography: n (%)**         |                     |                 |      |
| ON                                | 81 (42.6)           | 61 (28.9)       | 0.040|
| BS                                | 46 (24.2)           | 66 (31.3)       |      |
| SC                                | 47 (24.7)           | 63 (29.9)       |      |
| Other                             | 16 (8.4)            | 21 (10.0)       |      |
| +OB: n (%)                        | 74/159 (46.5)       | 147/175 (84.0)  | <0.001|
| **Baseline T2 brain lesions: n (%)** | 78/185 (42.2) | 2/206 (1.0)   | <0.001|
| 0                                 | 78/185 (42.2)       | 206 (100)       |      |
| 1-3                               | 43/185 (23.2)       | 24/206 (11.7)   |      |
| 4-9                               | 21/185 (11.4)       | 35/206 (17.0)   |      |
| ≥10                               | 43/185 (23.2)       | 145/206 (70.4)  |      |
| **Gad+: n (%)**                   | 16/82 (19.5)        | 81/157 (51.6)   | 0.026|
| **Median(IQR) time of follow-up in years** | 14.2 (11.5-17.2) | 13.9 (12.3-16.3) | 0.982|

| Outcomes                          | Not treated (n=190) | Treated (n=211) | p    |
|-----------------------------------|---------------------|-----------------|------|
| CDMS                              | 71 (37.4)           | 196 (92.9)      | <0.001|
| **2005 McDonald MS**             | 87 (45.8)           | 199 (94.3)      | <0.001|
| **2017 McDonald MS**             | 36/71 (50.7)        | 109/112 (97.3)  | <0.001|
| Confirmed EDSS 3.0               | 11 (5.8)            | 85 (40.3)       | <0.001|
| Confirmed EDSS 6.0               | 1 (0.5)             | 15 (7.1)        | 0.001|

Abbreviations: SD: standard deviation; CIS: clinically isolated syndrome; ON: optic nerve; BS: brainstem; SC: spinal cord; OB: oligoclonal bands; Gad: gadolinium; CDMS: clinical definite multiple sclerosis; MS: multiple sclerosis; EDSS: expanded disability status scale. IQR: interquartile range.

All tests are Fisher’s exact and Chi square tests, except for the age (Student’s t-test) and the follow-up time (Mann-Whitney test).