**S2 Table.** Vitamin D supplementation behaviour and serum 25(OH)D levels in MS cases in the Recruited cohort.

|  |  |
| --- | --- |
|  | **Supplementing behaviour of MS (n=1768)** |
|  | **Taking supplements** **na (%)** | **p-value** | **Dose, median IU/day****(IQR); nb** | **p-value** |
| **Disease status**  |  |  |  |  |
| MS  | 1234 (70) |  | 2000 (3000);1012 |  |
| **Sex** |  |  |  |  |
| female  |  915 (69) | 0.14 | 2000(3000);750 | 0.32 |
| male  |  319 (73) | 2000 (4000);262 |
| **MS type** |  |  |  |  |
| RRMS  |  692 (71) | 0.58 | 2000 (3500);575 | 0.007 |
| SPMS | 314 (68) | 1600 (3200);253 |
| PPMS | 144 (71) | 2000 (4000);117 |
| **MS disability** |  |  |  |  |
| low EDSS (<6) | 177 (72) | 0.12 | 2000 (3000);150 | 0.31 |
| high EDSS (≥6) |  169 (65) | 1600 (3200);138 |

adata was missing for the following: sex of 2 participants, MS type of 132 participants, EDSS of 1262 participants; bout of the total n that provided supplementation data this n had a dose available.