**Additional file 1:** Comparison between the baseline characteristics of patients monitored (V1V2) and those who had no data on V2 (noV1V2)

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| **Variables** | **V1V2 (n=194)** | **noV1V2 (n=32)** | ***p* (χ2/MW)** |
| Age [years (IQR)] | 38.0 (29.0-46.0) | 36.5 (27.7-46.2) | 0.591 |
| Sex | F [n (%)] | 139 (71.6) | 21 (65.6) | 0.278 |
|   | M [n (%)] | 38 (19.6) | 10 (31.3) |
|   | NA [n (%)] | 17 (8.8) | 1 (3.1) |
| Disease course | CIS [n (%)] | 36 (18.6) | 5 (15.6) | 0.879 |
|   | RRMS [n (%)] | 158 (81.4) | 27 (84.4) |
| Age at onset [years (IQR)] | 31.0 (25.0-40.0) | 33.0 (24.2-43.0) | 0.657 |
| Disease duration [years (IQR)] | 3.0 (0.0-9.0) | 2.0 (0.0-5.7) | 0.492 |
| Treatment naïve | No, n (%) | 64 (33.0) | 7 (21.9) | 0.294 |
|   | Yes, n (%) | 130 (67.0) | 25 (78.1) |
| ARR previous 24 months [n (IQR)] | 0.5 (0.5-1.0) | 0.5 (0.5-1.0) | 0.268 |
| EDSS at V1 [score (IQR)] | 2.0 (1.5-3.0) | 2.0 (1.5-3.0) | 0.751 |

ARR annualized relapse rate; CIS Clinically isolated syndromes; EDSS Expanded disability status scale; IQR inter quartile range; RRMS relapsing remitting multiple sclerosis