**S1 Table. Descriptive data of MS patients with different disability levels, aged 21−64 who lived in Sweden in 2010**

|  | **All** selected(N=7929) | **Disability by EDSS groups** |
| --- | --- | --- |
|  **Mild** **(0−3.5)**(n=5347) | **Moderate mild (4−5.5)** (n=915) | **Moderate severe (6−6.5)** (n=848) |  **Severe** **(7−9.5)**(n=819) |
| **Gender \*** Male Female | 2243 (28.3%)5686 (71.7%) | 1415 (26.5%)3932 (73.5%) | 283 (30.9%)632 (69.1%) | 265 (31.3%)583 (65.8%) | 280 (34.2%)539 (65.8%) |
| **Age** (mean, ±SD) \* | 45.0 ± 10.9 | 42.0 ± 10.5 | 49.0 ± 9.6 | 52.3 ± 8.9 | 52.7 ± 8.4 |
| **Age groups \*** 21-24 25-34 35-44 45-54 55-64 | 237 (3.0%)1307 (16.5%)2226 (28.1%)2331 (29.4%)1828 (23.1%) | 226 (4.2%)1184 (22.1%)1742 (32.6%)1458 (27.3%)737 (13.8%) | 10 (1.1%)68 (7.4%)221 (24.2%)321 (35.1%)295 (32.2) | 0 (0.0%)32 (3.8%)148 (17.5%)264 (31.1%)404 (47.6%) | 1 (0.1%)23 (2.8%)115 (14.0%)288 (35.2%)3921 (47.9%) |
| **Age at MS onset** (mean, ±SD) \* | 32.2 ± 9.8 | 32.1 ± 9.6 | 33.1 ± 10.5 | 33.9 ± 10.4 | 30.2 ± 9.6 |
| **Geographical region \*** East South/West North | 3341 (42.1%)3011 (38.0%)1577 (19.9%) | 2312 (43.2%)1978 (37.0%)1057 (19.8%) | 390 (42.6%)342 (37.4%)183 (20.0%) | 303 (35.7%)371 (43.8%)174 (20.5%) | 336 (41.0%)320 (39.1%)163 (19.9%) |
| **Family composition \***With partner, no children With partner, with children Single, no children Single, with children | 1403 (17.7%)3036 (38.3%)2826 (35.6%)664 (8.4%) | 726 (13.6%)2357 (44.1%)1796 (33.6%)468 (8.8%) |  224 (24.5%)310 (33.9%)297 (32.5%)84 (9.2%) | 256 (30.2)227 (26.8%)301 (35.5%)64 (7.5%) | 197 (24.1%)142 (17.3%)432 (52.7%)48 (5.9%) |
| **Type of living area \*** Larger cities Medium-sized municipalities Smaller municipalities | 3428 (43.2%)2559 (32.3%)1942 (24.5%) | 2324 (43.5%)1751 (32.7%)1272 (23.8%) | 410 (44.8%)257 (33.7%)248 (27.1%) | 332 (39.2%)286 (33.7%)230 (27.1%) | 362 (44.2%)265 (32.4%)192 (23.4%) |
| **Country of birth**SwedenOther Nordic  Other EU-25 Other | 7138 (90.0%)193 (2.4%)155 (2.0%)443 (5.6%) | 4819 (90.1%)117 (2.2%)100 (1.9%)311 (5.8%) | 826 (90.3%)23 (2.5%)19 (2.1%)47 (5.1%) | 763 (90.0%)26 (3.1%)18 (2.1%)41 (4.8%) | 730 (89.1%)27 (3.3%)18 (2.2%)44 (5.4%) |
| **Education \*** Lower Secondary Higher | 872 (11.0%)3713 (46.8%)3344 (42.2%) | 438 (8.2%)2423 (45.3%)2486 (46.5%) | 133 (14.5%)464 (50.7%)318 (34.8%) | 149 (17.6%)418 (49.3%)281 (33.1%) | 152 (18.6%)408 (49.8%)259 (31.6%) |
| **Earnings >0 \*** | 5606 (70.7%) | 4531 (84.7%) | 530 (57.9%) | 373 (44.0%) | 172 (21.0%) |
| **Benefits >0 \*** | 5142 (64.9%) | 2741 (51.3%) | 778 (85.0%) | 809 (95.4%) | 814 (99.4%) |
| **Earnings** (mean in SEK 100) \* | 1681.2  | 2140.9 | 1154.5 | 763.6 | 218.7 |
| **Health related benefits \***(mean in 100 SEK) | 621.7 | 349.5 | 932.1 | 1232.2 | 1419.8 |
|  Disability pension \* | 482.9 | 241.3 | 720.3 | 1019.6 | 1239.4 |
|  Sickness absence \* | 110.0 | 102.9 | 177.2 | 136.3 | 53.7 |
|  Disability allowance \* | 28.8 | 5.3 | 34.7 | 76.3 | 126.8 |
| **Benefits related to low income \*** (mean in SEK 100) | 29.4 | 36.0 | 22.7 | 8.9 | 15.2 |
|  Unemployment compensation \*  | 22.3 | 29.5 | 14.6 | 4.2 | 3.1 |
|  Social assistance  | 7.1 | 6.6 | 8.1 | 4.7 | 12.1 |

\* p < 0.05, compared patients in different disability groups; ANOVA or Chi-square tests.