**Table S1. Univariate nonconditional Logistic regression analysis in male patients with NMOSD**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| variables | β | SE | Wald | p | OR | 95%CI OR |
| Age at onset | 27.424 | 1131.619 | 0.001 | 0.981 | 81.128e\*11 | - |
| First symptom at onset | 0.303 | 0.490 | 0.381 | 0.537 | 1.35 | 0.518-3.536 |
| Myelopathy site | 0.000 | 0.357 | 0.000 | 1.000 | 1.000 | 0.497-2.014 |
| Longitudinally extensive transverse myelitis (LETM) | -1.350 | 0.836 | 2.609 | 0.106 | 0.259 | 0.050-1.334 |
| EDSS at onset | 0.082 | 0.190 | 0.188 | 0.665 | 1.086 | 0.749-1.575 |
| First interattack interval | 0.042 | 0.040 | 1.112 | 0.292 | 1.043 | 0.965-1.127 |
| Annual recurrence rate | 0.345 | 0.440 | 0.614 | 0.433 | 1.412 | 0.596-3.346 |
| Time from onset to diagnosis | -0.075 | 0.070 | 1.172 | 0.279 | 0.927 | 0.809-1.063 |
| Combined autoimmune disease | 0.405 | 0.842 | 0.232 | 0.630 | 1.500 | 0.288-7.807 |

Note: NMOSD, neuromyelitis optic spectrum disorder; EDSS, Expanded Disability Status Scale.