**Online supplementary table 1. Details of the 36 pre-defined clinico-radiological parameters and their definitions**

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| 1. Any transverse myelitis |
| 2. Longitudinally extensive transverse myelitis   * Cord lesion ≥ 3 vertebral segments |
| 3. T1 hypointensity with corresponding T2 hyperintensity in acute stage of cord lesion |
| 4. Cord lesion spanning cervical medullary junction |
| 5. Predominant central cord involvement |
| 6. Conus involvement |
| 7. EDSS ≥ 6 at nadir of any attack |
| 8. Any optic neuritis |
| 9. Severe optic neuritis   * Visual acuity ≤ 0.1 at nadir |
| 10. Simultaneous bilateral optic neuritis   * ≤ 1 month between the 2 clinical episodes |
| 11. Simultaneous optic neuritis and transverse myelitis   * ≤ 1 month between the 2 clinical episodes |
| 12. Long segment optic neuritis   * Involvement of ≥ half the length of optic nerve visualized on MRI |
| 13. Optic chiasm involvement |
| 14. Area postrema syndrome (clinical) |
| 15. No brain lesion |
| 16. 1 - 3 brain lesions |
| 17. ≥ 4 brain lesions |
| 18. Dawson’s fingers   * Finger-like projections orientated perpendicularly to the walls of the lateral ventricles |
| 19. Lesion touching body of lateral ventricle |
| 20. Inferior temporal lesion |
| 21. Corpus callosum lesion |
| 22. Diffuse splenial lesion |
| 23. Fluffy (poorly demarcated) infratentorial lesion |
| 24. Lesion adjacent to 4th ventricle |
| 25. Lesion adjacent to 3rd ventricle |
| 26. Periaqueductal lesion |
| 27. Area postrema lesion (radiological) |
| 28. Hypothalamic/thalamic lesion |
| 29. Tumefactive lesion   * ≥ 2cm T2 hyperintense lesion with gadolinium enhancement |
| 30. Cortical/Juxtacortical lesion |
| 31. Juxtacortical S or U shaped lesion |
| 32. Fulfill 2016 MAGNIMS Dissemination in Space criteria |
| 33. Fulfill 2015 IPND seronegative NMOSD criteria |
| 34. Disability progression independent of relapses |
| 35. Unmatched CSF oligoclonal bands |
| 36. Co-existing autoimmunity and/or autoantibodies |

Abbreviations: EDSS = Expanded Disability Status Scale; IPND = International Panel for NMO diagnosis; MAGNIMS = Magnetic resonance Imaging in Multiple Sclerosis.