

Table S1 MRI acquisition parameters

Parameters	MS open dataset	Local dataset
3D T2-FLAIR images		
Voxel size, mm ³	0.82×0.82×2.2	0.98×0.98×1–1×1×1
Repetition time (ms)	–	4800
Echo time (ms)	68	279–324
Inversion time (ms)	835	1650
3D T1W images		
Voxel size, mm ³	0.82×0.82×1.17	1.0×1.0×1.0
Repetition time (ms)	10.3	1900
Echo time (ms)	6	2.96
Flip angle (°)	8	9

MRI, magnetic resonance imaging; MS, multiple sclerosis; T2-FLAIR, T2-weighted fluid-attenuated inversion recovery; T1W, T1-weighted.