

Appendix 1. Cerebro-spinal magnetic resonance imaging data of clinically isolated syndrome cohort

Brain MRI findings	Number of lesions
Total number of lesions	
Cerebral atrophy	Yes / No
Location / Distribution	
Supra-tentorial	
Periventricular	
Deep white matter	
Juxta-cortical	
Corpus callosum	
Infra-tentorial	
Cerebellum	
Midbrain	
Pons	
Medulla	
Appearance of lesions	
Gadolinium enhancement (total no)	
Large (>5 mm)	
Oval / Ovoid	
Confluent	
Perpendicular	
Hypo-intense on T1	
Black hole on T1	

Spinal MRI features	Number of lesions
Total number of lesion	
Size (no. of vertebral segments)	
Large lesions (>2 vertebral segments)	Yes / No
Location	
Cervical	
Thoracic	
Cervico-thoracic	
Thoraco-lumbar	
Lumbar or sacral	
Entire spine	
Cross-section appearance	
Central	
Lateral	
Complete cross-section	
T1-weighted images	
Gadolinium enhancement	
Hypo-intense lesions	
Black holes (syrinx-like)	Yes / No
Swelling	Yes / No
Atrophy	Yes / No

