

Supplement Table 2. MRI conventional and non-conventional MRI measures of multiple sclerosis patients and healthy controls at the follow-up.

MRI variables	MS (n=109)	Controls (n=94)	p value
T2-LV	5.6 (9.8)	0.8 (1.2)	<0.001
T1-LV	1.1 (2.4)	NA	NA
NBV	1529.6 (90.0)	1580 (77.7)	<0.001
NGMV	764.4 (58.2)	791.2 (52.0)	<0.001
NWMV	765 (58)	789 (57)	<0.001
MRI variables	MS ≥ 8 gadodiamide doses (n=109)	MS <8 gadodiamide doses (n=94)	p value
T2-LV	7.2 (11.1)	4.4 (8.2)	0.046
T1-LV	1.2 (2.5)	1.1 (2.6)	0.801
NBV	1520.2 (87.8)	1539.7 (91.4)	0.142
NGMV	756.3 (58.5)	773.3 (57)	0.047
NWMV	763.9 (58.3)	766.1 (57.2)	0.798

Legend: MS-multiple sclerosis; IQR-interquartile range; SD-standard deviation; NA-non available; LV-lesion volume; NBV-normalized brain volume; NGMV-normalized gray matter volume; NWMV-normalized white matter volume.

p values represent differences between the MS patients and healthy controls and MS patients who received ≥ 8 and <8 gadodiamide doses over the follow-up. The differences between the groups were analyzed using analysis of covariance, adjusted for age and sex. In bold are shown p values <0.05.