Table 1: Demographic, clinical and radiological findings in all progressive MS patients, and PPMS and SPMS groups at baseline and 1 year.

	Progressive MS N=44	Healthy controls N=29	PPMS N=26	SPMS N=18
Mean Age (years)(SD)	52.02 (9.33)	42.36 (11.16)	50.27 (9.68)	54.88 (8.23)
Gender (F:M)	21F:23M	11F:18M	11F:15M	10F:8M
Disease duration (years) (SD)	14.13 (12.41)	-	7.17 (4.98)	26.20 (12.23)
Progressive disease duration	7.30 (4.42)	-	7.17 (4.98)	7.92 (3.75)
Median EDSS (range) at baseline	6.0 (3.0 – 8.5)	-	5.0 (3.0 – 7.5)	6.0 (4.0 – 8.5)
Median EDSS (range) at one year	6.5 (3.0 – 8.5)	-	6.0 (3.0 –8.0)	6.5 (4.5 – 8.5)
Mean SC-CSA at baseline (SD) mm^2	73.82 (10.33)	82.49 (8.57)	76.40 (9.90)	69.78 (10.84)
Mean SC-CSA at one year (mm^2); (SD)	71.52 (10.16)	82.05 (8.34)	73.63 (9.30)	68.29 (10.83)
Estimated percentage SC-CSA change within each group (adjusted for age and gender) (95% CIs, p value)	-2.95 (-4.30, -1.61) (p-value <0.01)	-0.40 (-1.85, 1.05) (p-value 0.59)	-3.43 (-5.04, -1.83) (p-value <0.001)	-2.27 (-4.11, -0.42) (p-value 0.017)
BPF	0.79 (0.02)	0.81 (0.02)	0.80 (0.02)	0.79 (0.02)
Estimated PBVC within each group (adjusted for age and gender)(95% CIs, p value)	-1.54 (-2.03, -1.05) (p-value <0.001)	-0.37 (-0.86, 0.12) (p-value 0.13)	-1.62 (-2.19, -1.05) (p-value <0.001)	-1.40 (-2.10, -0.71) (p-value <0.001)
T2 lesion load at baseline (mls)	15.71 (13.53)	-	11.09 (10.52)	23.92 (14.66)
T2 lesion load (mls) at one year	20.14 (17.34)	-	13.29 (13.36)	30.42 (17.87)

EDSS: expanded disability status scale; SC-CSA: spinal cord cross sectional area; BPF: brain parenchymal fraction; PBVC: percentage brain volume change; PPMS: primary progressive multiple sclerosis; SPMS: secondary progressive multiple sclerosis. The results of the statistical tests are reported in the text.