

Supplemental Data

Patient demographic and disease characteristics

		All Patients (n _{bi} =59, n _{long} =36)				CIS (n _{bi} =18, n _{long} =11)		Early RRMS (n _{bi} =22, n _{long} =14)		Late RRMS (n _{bi} =19, n _{long} =11)		ANOVA	
		Min	Max	Mean	SD	Mean	SD	Mean	SD	Mean	SD	F	p
Demographics	Age (yrs)	19.3	68.4	40.6	10.9	34.1	7.5	38.6	9.6	49.2	9.8	13.6	<0.0001
	DD (yrs)	0.03	31.7	6.4	7.6	2.4	4.3	1.9	1.4	14.8	6.7	48.3	<0.0001
Clinical Disease Parameters	EDSS	0	4.5	0.59	1.17	0.3	0.95	0.5	0.85	1	1.6	1.8	0.18
	BPF (% ICV)	68.7	92.2	85	4.8	87	4.1	85.2	4.2	82.9	5.4	3.5	0.036
	FLAIR Lesion Load (% ICV)	0.05	3	0.49	0.53	0.25	0.2	0.48	0.39	0.74	0.76	4.5	0.016
Baseline ePVS count (n)	Centrum Semiovale	21	126	74.0	26.7	72.3	23.3	82.9	30.6	82.9	30.6	1.8	0.18
	Basal Ganglia	23	143	62.5	21.9	54.7	17.9	60.5	17.1	72.3	27.2	3.4	0.042
	Midbrain	0	13	5.6	2.9	5.2	3.0	5.8	2.9	5.7	3.0	0.2	0.79
Change in ePVS count (n/yr)	Centrum Semiovale	-8.0	27.9	4.1	8.8	2.8	3.8	6.6	11.1	8.1	22.6	1.0	0.39
	Basal Ganglia	-15.9	15.9	2.3	6.8	0.4	6.1	2.1	5.7	13.8	34.2	0.9	0.42
	Midbrain	-2.0	5.0	0.3	1.4	0.5	1.0	0.4	1.7	0.5	1.6	0.1	0.90