

**On-line Table 1: Lesion number and volume by disease group according to CCSVI status in which CCSVI-borderline cases were classified in the CCSVI-negative group**

	HC			RRMS			SPMS		
	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>
Number of lesions									
T2									
Mean (SD)	12.37 (17.89)	10.72 (10.39)	.55	34.43 (20.39)	29.40 (19.45)	.05	36.82 (20.67)	41.88 (28.40)	.76
<i>n</i>	19	54		81	81		50	16	
T1									
Mean (SD)	–	–	–	12.93 (12.48)	12.47 (12.88)	.90	18.39 (14.54)	17.14 (17.04)	.45
<i>n</i>	0	0		72	78		46	14	
Gd									
Mean (SD)	–	–	–	0.37 (1.05)	0.51 (3.37)	.17	.07 (0.25)	0 (0)	.35
<i>n</i>	0	0		70	75		46	13	
Total volume of lesions (ml)									
T2									
Mean (SD)	2.67 (3.84)	1.70 (2.03)	.71	13.11 (16.38)	13.75 (16.03)	.82	22.75 (19.85)	23.86 (23.74)	.83
<i>n</i>	19	54		81	81		50	16	
T1									
Mean (SD)	–	–	–	2.38 (3.62)	3.89 (8.98)	.66	6.39 (8.32)	5.52 (9.72)	.60
<i>n</i>	0	0		72	78		46	14	
Gd									
Mean (SD)	–	–	–	0.06 (0.21)	0.06 (0.37)	.16	0.006 (0.03)	0 (0)	.35
<i>n</i>	0	0		70	75		46	13	

**Note:**—The differences between lesion volumes in subjects with and without CCSVI were calculated using the cube root of the total volume by applying the Student *t* test. The lesion volumes are expressed in ml. Gd indicates gadolinium.

**On-line Table 2: Lesion number and volume by disease group according to CCSVI status in which CCSVI-borderline cases were classified in the CCSVI-positive group**

	HC			RRMS			SPMS		
	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>
Number of lesions									
T2									
Mean (SD)	11.60 (15.60)	10.92 (10.99)	.97	33.55 (19.48)	29.20 (20.78)	.04	36.38 (20.27)	44.85 (30.58)	.52
<i>n</i>	25	48		101	61		53	13	
T1									
Mean (SD)	–	–	–	13.14 (12.31)	12.00 (13.25)	.50	18.06 (14.32)	18.25 (18.26)	.64
<i>n</i>	0	0		91	59		48	12	
Gd									
Mean (SD)	–	–	–	0.31 (0.96)	0.64 (3.82)	.44	0.06 (0.24)	0 (0)	.40
<i>n</i>	0	0		87	58		48	11	
Total volume of lesions (ml)									
T2									
Mean (SD)	2.35 (3.44)	1.74 (2.10)	.75	14.59 (17.83)	11.52 (12.84)	.20	23.13 (20.93)	22.58 (20.44)	.90
<i>n</i>	25	48		101	61		53	13	
T1									
Mean (SD)	–	–	–	3.49 (8.18)	2.66 (4.52)	.91	6.90 (9.31)	3.33 (3.79)	.48
<i>n</i>	0	0		91	59		48	12	
Gd									
Mean (SD)	–	–	–	0.047 (0.19)	0.08 (0.42)	.45	0.005 (0.028)	0 (0)	.40
<i>n</i>	0	0		87	58		48	11	

**Note:**—The differences between lesion volumes in subjects with and without CCSVI were calculated using the cube root of the total volume by applying the Student *t* test. The lesion volumes are expressed in ml. Gd indicates gadolinium.

**On-line Table 3: Global and regional atrophy measures according to CCSVI status in which CCSVI-borderline cases were classified in the CCSVI-negative group**

	HC			RRMS			SPMS		
	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>
NLVV (ml)									
Mean (SD)	28.64 (12.4)	26.71 (12.0)	.47	39.7 (20.5)	36.4 (20.1)	.14	53.2 (22.5)	47.8 (19.4)	.45
<i>n</i>	19	54		78	76		50	16	
TVW (mm)									
Mean (SD)	2.47 (1.0)	2.65 (1.2)	.61	3.72 (1.93)	4.02 (2.05)	.51	5.38 (2.34)	4.77 (2.27)	.39
<i>n</i>	19	51		78	76		49	16	
NBV (ml)									
Mean (SD)	1589.7 (104.1)	1592.0 (97.7)	.99	1563.3 (95.6)	1586.6 (115.9)	.19	1510.8 (99.5)	1495.5 (79.6)	.28
<i>n</i>	19	54		78	76		50	16	
NGMV (ml)									
Mean (SD)	837.4 (89.7)	828.2 (82.7)	.67	805.4 (84.8)	810.3 (93.1)	.82	751.7 (878.6)	767.1 (808.7)	.75
<i>n</i>	19	54		78	76		50	16	
NWMV (ml)									
Mean (SD)	752.3 (89.7)	763.8 (71.5)	.41	75.8 (64.1)	77.6 (88.7)	.35	759.1 (988.2)	728.4 (704.2)	.24
<i>n</i>	19	54		78	76		50	16	
NCV (ml)									
Mean (SD)	687.8 (86.2)	691.2 (66.0)	.96	645.1 (84.4)	642.8 (92.7)	.67	595.9 (779.4)	601.2 (758.5)	.85
<i>n</i>	19	54		78	76		50	16	

**Note:**—The differences between lesion volumes in subjects with and without CCSVI were calculated using the cube root of the volumes by applying the Student *t* test. The volumes are expressed in ml. Note that mm indicates millimeters; ml, milliliters; NBV, normalized brain volume; NCV, normalized cortical volume; NGMV, normalized gray matter volume; NLVV, normalized lateral ventricle volume; NWMV, normalized white matter volume; TVW, third ventricle width.

**On-line Table 4: Global and regional atrophy measures according to CCSVI status in which CCSVI-borderline cases were classified in the CCSVI-positive group**

	HC			RRMS			SPMS		
	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>	CCSVI	No CCSVI	<i>P</i>
NLVV (ml)									
Mean (SD)	29.4 (11.5)	26.1 (12.3)	.13	39.5 (21.4)	35.7 (18.1)	.27	52.8 (22.7)	48.3 (18.1)	.66
<i>n</i>	25	48		96	58		53	13	
TVW (mm)									
Mean (SD)	2.59 (1.07)	2.61 (1.24)	.82	3.86 (2.09)	3.87 (1.83)	.77	5.28	5.03 (2.30)	.73
<i>n</i>	25	48		96	58		52	13	
NBV (ml)									
Mean (SD)	1564.9 (105.1)	1605.1 (93.3)	.11	1562.2 (100.9)	1595.8 (112.8)	.06	1512.1 (99.2)	1486.6 (73.7)	.22
<i>n</i>	25	48		96	58		53	13	
NGMV (ml)									
Mean (SD)	821.9 (85.8)	835.1 (83.6)	.46	802.3 (87.5)	817.0 (90.8)	.48	752.6 (85.9)	767.2 (88.3)	.78
<i>n</i>	25	48		96	58		53	13	
NWMV (ml)									
Mean (SD)	743.1 (82.0)	770.0 (72.1)	.08	759.9 (700.1)	778.7 (879.2)	.27	759.5 (96.8)	719.4 (70.8)	.13
<i>n</i>	25	48		96	58		53	13	
NCV (ml)									
Mean (SD)	678.1 (79.8)	696.7 (66.2)	.29	642.3 (900.6)	646.8 (874.3)	.92	596.7 (76.1)	599.1 (83.4)	.93
<i>n</i>	25	48		96	58		53	13	

**Note:**—The differences between lesion volumes in subjects with and without CCSVI were calculated using the cube root of the volumes by applying the Student *t* test. The volumes are expressed in ml. Note that mm indicates millimeters; ml, milliliters; NBV, normalized brain volume; NCV, normalized cortical volume; NGMV, normalized gray matter volume; NLVV, normalized lateral ventricle volume; NWMV, normalized white matter volume; TVW, third ventricle width.