

Table S1. Severity of WMH in the examined brain regions in patients with cSVD.

WMH, location	Severity on a 4-point scale			
	1 (n, %)	2 (n, %)	3 (n, %)	4 (n, %)
WMH in basal ganglia	48 (50%)	27 (28.1%)	15 (15.6%)	6 (6.3%)
WMH in the anterior region of frontal lobes				
pWMH	4 (4.2%)	43 (44.8%)	34 (35.4%)	15 (15.6%)
dWMH	1 (1%)	38 (39.6%)	42 (43.8%)	15 (15.6%)
jWMH	36 (37.5%)	24 (25%)	17 (17.7%)	19 (19.8%)
WMH in the posterior region of frontal lobes				
pWMH	9 (9.4%)	47 (49%)	24 (25%)	16 (16.7%)
dWMH	0	30 (31.3%)	37 (38.5%)	29 (30.2%)
jWMH	39 (40.6%)	25 (26%)	9 (9.4%)	23 (24%)
WMH in the parietal lobes				
pWMH	20 (20.8%)	32 (33.3%)	20 (20.8%)	24 (25%)
dWMH	2 (2.1%)	27 (28.1%)	33 (34.4%)	34 (35.4%)
jWMH	46 (47.9%)	24 (25%)	11 (11.5%)	15 (15.6%)
WMH in the temporal lobes				
pWMH	59 (61.5%)	23 (24%)	13 (13.5%)	1 (1%)
dWMH	13 (13.5%)	49 (51%)	34 (35.4%)	0
jWMH	52 (54.2%)	24 (25%)	12 (12.5%)	8 (8.3%)
WMH in the occipital lobes				
pWMH	49 (51%)	36 (37.5%)	11 (11.5%)	0
dWMH	50 (52.1%)	36 (37.5%)	10 (10.4%)	0
jWMH	83 (86.5%)	12 (12.5)	1 (1%)	0

pWMH, periventricular WMH; dWMH, deep WMH; jWMH, juxtacortical WMH

Table S2. Location and severity of lacunes in patients with cSVD.

Location	None	Up to 5	From 5 to 10	More than 10
Cerebral white matter	54 (56.3%)	16 (16.7%)	9 (9.4%)	17 (17.7%)
Basal ganglia	64 (66.7%)	11 (11.5%)	9 (9.4%)	12 (12.5%)
Brainstem	69 (71.9%)	19 (19.8%)	8 (8.3%)	0
Cerebellum	78 (81.3%)	10 (10.4%)	5 (5.2%)	3 (3.1%)

Table S3. Location and severity of cerebral microbleeds in patients with cSVD.

Microbleeds	None	Up to 5	From 5 to 10	More than 10
Basal ganglia	68 (70.8%)	12 (12.5%)	5 (5.2%)	11 (11.5%)
WMH in the anterior region of frontal lobes:				
pWMH	96 (100%)	0	0	0
dWMH	92 (95.8%)	4 (4.2%)	0	0
jWMH	75 (78.1%)	12 (12.5%)	5 (5.2%)	4 (4.2%)
WMH in the posterior region of frontal lobes:				

pWMH	95 (99%)	1 (1%)	0	0
dWMH	86 (89.6%)	9 (9.4%)	1 (1%)	0
jWMH	77 (80.2%)	13 (13.5%)	1 (1%)	5 (5.2%)
WMH in the parietal lobes:				
pWMH	95 (99%)	1 (1%)	0	0
dWMH	92 (95.8%)	3 (3.1%)	1 (1%)	0
jWMH	75 (78.1%)	8 (8.3%)	2 (2.1%)	11 (11.5%)
WMH in the temporal lobes:				
pWMH	96 (100%)	0	0	0
dWMH	95 (99%)	1 (1%)	0	0
jWMH	72 (75%)	12 (12.5%)	2 (2.1%)	10 (10.4%)
WMH in the occipital lobes:				
pWMH	96 (100%)	0	0	0
dWMH	96 (100%)	0	0	0
jWMH	79 (82.3%)	11 (11.5%)	4 (4.2%)	2 (2.1%)

pWMH, periventricular WMH; dWMH, deep WMH; jWMH, juxtacortical WMH

Table S4. Widening of subarachnoid spaces in the examined brain regions of patients with cSVD.

Brain regions	No widening	Mild widening	Moderate widening	Severe widening
Anterior region of the frontal lobes	39 (40.6%)	51 (53.1%)	6 (6.3%)	0
Posterior region of the frontal lobes	47 (49%)	46 (47.9%)	3 (3.1%)	0
Parietal lobes	63 (65.6%)	33 (34.4%)	0	0
Temporal lobes	81 (84.3%)	15 (15.6%)	0	0
Occipital lobes	89 (92.7%)	7 (7.3%)	0	0