

Supplementary Materials

Supplementary Table 1. Effects of baseline demographic, clinical and neuroimaging characteristics on poststroke MMSE score at T1, T2, and T3: linear mixed models (n=451)

SVD burden	Model 2 ^b		
	β	SE	p
SVD burden (SVD score)	-0.33	0.13	0.008
T1*SVD burden	<i>reference</i>		
T2*SVD burden	0.13	0.17	0.46
T3*SVD burden	0.08	0.17	0.65
Volume of Acute infarcts	-0.01	0.07	0.87
Cortical acute infarcts	-0.60	0.22	0.006
Old infarcts	-0.15	0.19	0.42
Age	-0.07	0.01	<0.001
Sex	-0.60	0.19	0.002
Education	0.19	0.02	<0.001
Social support (LSNS)	-0.001	0.01	0.99
Depressive symptoms (GDS)	-0.11	0.03	<0.001
Stroke severity (NIHSS)	-0.17	0.02	<0.001
Hypertension	0.19	0.17	0.21
Smoking	-0.13	0.19	0.51

GDS=Geriatric Depression Scale; LSNS= Lubben Social Network Scale; MMSE=Mini–Mental State Examination; NIHSS=National Institutes of Health Stroke Scale; SVD=Small vessel disease.

Supplementary Table 2. Contribution of cerebral SVD and infarcts on poststroke MMSE scores at T1, T2, and T3: linear mixed models (n=451)

	β	SE	p	R square
<i>Model 1</i>				
SVD burden	-0.33	0.13	0.008	0.026
<i>Model 2</i>				
WMH	-0.46	0.08	<0.001	0.056
<i>Model 3</i>				
Volume of Acute infarcts	-0.29	0.12	0.02	0.013
<i>Model 4</i>				
Cortical acute infarcts	-1.04	0.38	0.006	0.018
<i>Model 5</i>				
Old infarcts	-0.57	0.32	0.08	0.006

MMSE=Mini-Mental State Examination; SVD=Small vessel disease.