

Supplementary Table 1. Differences in clinical, radiological and echocardiographic characteristics between ESUS patients classified per traditional versus revised criteria

	Entire ESUS cohort (n=414)	ESUS included 298 (72%)	ESUS excluded 116 (28%)	P
Baseline characteristics				
Age (yr)	67 (54–77)	71 (61–80)	52 (44–60)	<0.001
Female sex	184 (44.4)	136 (45.6)	48 (41.4)	0.434
Pre-mRS score	0 (0–0)	0 (0–0)	0 (0–0)	0.181
NIHSS score	5 (2–11) [n=413]	5 (2–11)	3 (2–9) [n=115]	0.004
Prior stroke	43 (10.4)	36 (12.1)	7 (6.0)	0.070
Current smoking	105 (25.4)	73 (24.5)	32 (27.6)	0.516
Hypertension	276 (66.7)	234 (78.5)	42 (36.2)	<0.001
Diabetes	70 (16.9)	59 (19.8)	11 (9.5)	0.012
Dyslipidemia	215 (51.9)	176 (59.1)	39 (33.6)	<0.001
Obesity	79 (19.1)	63 (21.1)	16 (13.8)	0.088
CAD	59 (14.2)	52 (17.4)	7 (6.0)	0.003
Supra-cardiac atherosclerosis	169 (40.8)	136 (45.6)	33 (28.4)	0.001
Acute reperfusion therapy				
IVT	115 (27.8)	85 (28.5)	30 (25.9)	0.587
EVT +/- IVT	141 (34.1)	108 (36.2)	33 (28.4)	0.133
None	220 (53.1)	152 (51.0)	68 (58.6)	0.163
Stroke pattern and location				
Anterior circulation	314 (75.8)	232 (77.8)	82 (70.7)	0.126
Posterior circulation	119 (28.7)	80 (26.8)	39 (33.6)	0.171
Multi-territory	28 (6.8)	21 (7.0)	7 (6.0)	0.713
Cortical (small isolated lesions)	28 (6.8)	19 (6.4)	9 (7.8)	0.615
Cortical-subcortical	346 (83.6)	252 (84.5)	94 (81.0)	0.486
Deep (white/grey) matter	40 (9.7)	27 (9.1)	13 (11.2)	0.507
Intracranial vessel occlusion	254 (61.3)	192 (64.4)	62 (53.4)	0.039
LVO	130 (31.4)	102 (34.2)	28 (24.1)	0.047
MeVO	127 (30.7)	93 (31.2)	34 (29.3)	0.707
TTE characteristics				
AC	150 (36.2)	125 (42.0)	25 (21.5)	<0.001
AC moderate/severe	75 (18.1)	64 (21.5)	11 (9.5)	<0.001
LAVI (mL/m ²)	30 (24–38)	32 (25–40)	27 (21–33)	<0.001
LVDD grade 2–3	46 (11.1)	39 (13.1)	7 (6.0)	0.040
LVEF (%)	59 (56–63) [n=397]	59 (56–62) [n=285]	60 (57–63) [n=112]	0.122
LVEF ≤50%	31 (7.5)	24 (8.0)	7 (6.0)	0.483
Outcome 3–months				
mRS	1 (0–2) [n=411]	1 (0–3) [n=295]	1 (0–2)	<0.001
mRS 0–2	316 (76.9) [n=411]	215 (72.9) [n=295]	101 (87.1)	0.002
Death	22 (5.3)	15 (5.0)	7 (6.0)	0.700
Long-term follow-up				
Follow-up (month)	21 (8–33) [n=405]	20 (8–32) [n=290]	23 (9–35) [n=115]	0.101
Stroke recurrence	21 (5.1)	17 (5.9)	4 (3.4)	0.338

Values are presented as n (%) or median (interquartile range).

ESUS, embolic stroke of undetermined source; AC, atrial cardiopathy; LAVI, left atrial volume index; mRS, modified Rankin Scale; NIHSS, National Institutes of Health Stroke Scale; CAD, coronary artery disease; IVT, intravenous thrombolysis; EVT, endovascular treatment; LVO, large vessel occlusion; MeVO, medium vessel occlusion; TTE, transthoracic echocardiography; LVDD, left ventricular diastolic dysfunction; LVEF, left ventricular ejection fraction; AFDAS, atrial fibrillation detected after stroke.