

Supplementary Table 2. Clinical and radiological outcomes of the SHS, pSHS, SHS & pSHS, and no SHS nor pSHS populations

Variable	Any SHS (NIHSS >15 baseline) (n=20,485)	Any pSHS (NIHSS >15 at 24 hours) (n=11,077)	Both SHS and pSHS (n=8,560)	No SHS nor pSHS (n=41,810)
NIHSS 24 hours	8 (15–21)	20 (18–24)	21 (18–24)	3 (1–6)
CED 24 hours imaging	17,905	10,371	7,949	36,559
Any CED	5,801 (32.4)	4,735 (45.7)	3,780 (47.6)	2,670 (7.3)
CED 1 mild	2,707 (15.1)	1,797 (17.3)	1,483 (18.7)	2,085 (5.7)
CED 2 moderate	1,587 (8.9)	1,428 (13.8)	1,141 (14.4)	398 (1.1)
CED 3 severe	1,507 (8.4)	1,510 (14.6)	1,156 (14.5)	187 (0.5)
No CED	11,457 (64)	5,258 (50.7)	4,169 (52.4)	33,889 (92.7)
Uncertain	647 (3.6)	378 (3.6)		
PH2/rPH2/SAH 24 hours	1,238/18,577 (6.7)	1,292/10,729 (12)	794/8,257 (9.6)	887/40,263 (2.2)
PH2 24 hours	795/18,574 (4.3)	903/10,676 (8.5)	550/8,255 (6.7)	368/40,263 (0.9)
SICH mSITS-MOST 24 hours	598/18,491 (3.2)	935/10,677 (8.8)	468/8,257 (5.7)	185/40,263 (0.5)
SICH ECASS-II 24 hours	1,006/17,356 (5.8)	1,654/10,609 (15.6)	867/8,244 (10.5)	552/40,242 (1.3)
Worse or death 24 hours	4,226/19,790 (21.4)	5,175/11,075 (46.7)	3,016/8,560 (35.2)	2,962/41,810 (7.1)
NIHSS day 7	11 (4–18)	18 (14–22)	18 (14–22)	2 (0–4)
mRS 0–2 day 7	2,689/15,801 (17)	117/9,346 (1.3)	74/7,433 (1)	19,394/30,700 (63.2)
mRS 0–3 day 7	4,556/15,801 (28.8)	427/9,346 (4.6)	325/7,433 (4.5)	24,235/30,700 (78.9)
Stroke etiology	15,226	8,621	6,462	22,038
Cardioembolism	8,763 (57.6)	4,690 (54.4)	3,769 (55.6)	10,669 (48.4)
Large artery	6,463 (42.4)	3,931 (45.6)	3,008 (44.4)	11,369 (51.6)
mRS 0–2 at 90 days	4,622/17,808 (26)	532/9,857 (5.4)	374 (4.9)	26,806/36,648 (71.9)
mRS 0–3 at 90 days	7,048/17,808 (39.6)	1,489/9,857 (15.1)	1,111 (14.6)	30,826/36,648 (82.9)
Mortality at 24 hours	2,675/19,562 (13.7)	2,298/11,048 (20.7)	1,715 (20.1)	403/41,593 (1)
Mortality at 90 days	5,887/17,871 (32.9)	4,836/9,864 (49)	3,728 (48.9)	1,980/36,702 (5.4)

Values are presented as median (interquartile range) or number/total number (%).

SHS, severe hemispheric syndrome; pSHS, persistent severe hemispheric syndrome; NIHSS, National Institutes of Health Stroke Scale; CED, cerebral edema; PH2, parenchymal hemorrhage type 2; rPH2, remote parenchymal hemorrhage type 2; SAH, subarachnoid hemorrhage; SICH, symptomatic intracranial hemorrhage; mSITS-MOST, modified version of the Safe Implementation of Thrombolysis in Stroke Monitoring Study; ECASS-II, European-Australian Cooperative Acute Stroke Study 2; mRS, modified Rankin Scale.