

Supplementary Table 1. Baseline characteristics of 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)
Age (yr)	73.5±12.9 76 (67–83)	74.7±12.2 68 (58–77)	75±12.2 77 (68–84)	69±13.7 71 (61–79)
Female sex	10,629 (51.9)	5,781 (52.2)	4,594 (53.7)	18,100 (43.3)
Acute treatment				
IVT	16,168 (78.9)	9,112 (82.3)	7,035 (82.2)	38,771 (92.7)
EVT	1,643 (8)	801 (7.2)	622 (7.3)	1,161 (2.8)
IVT+EVT	2,674 (13.1)	1,164 (10.5)	903 (10.5)	1,878 (4.5)
Hypertension	14,220 (69.4)	8,120 (73.3)	6,274 (73.9)	27,426 (65.9)
Diabetes	4,076 (19.9)	2,647 (23.9)	1,971 (23.2)	8,426 (20.2)
Hyperlipidemia	5,995 (29.3)	3,365 (30.4)	2,569 (30.6)	12,508 (30.2)
Smoker	4,423 (21.6)	2,328 (21)	958 (13.5)	7,226 (17.3)
Previous stroke	2,502 (12.2)	1,380 (12.5)	1,047 (12.7)	5,095 (12.2)
Previous TIA	1,012 (4.9)	577 (5.2)	431 (5.1)	2,780 (6.7)
Atrial fibrillation	5,916 (28.9)	3,250 (29.3)	2,628 (31.1)	6,617 (15.9)
Congestive heart failure	2,310 (11.3)	1,367 (12.3)	1,065 (12.6)	2,956 (7.1)
Previous mRS 0	13,275 (64.8)	6,999 (65.9)	5,310 (64.7)	31,724 (77.9)
Antiplatelet	7,912 (38.6)	4,429 (40)	3,419 (40.5)	15,434 (37.2)
Aspirin	6,070 (29.6)	3,434 (31)	2,846 (33.9)	12,929 (30.9)
Clopidogrel	1,395 (6.8)	791 (7.1)	621 (7.5)	2,886 (6.9)
Oral anticoagulation	1,674 (8.2)	844 (7.6)	669 (8)	1,793 (4.3)
Antihypertensive	13,333 (65.1)	7,522 (67.9)	5,838 (70.2)	25,300 (61.4)
Antidiabetics	3,013 (14.7)	1,963 (17.7)	1,459 (17.6)	6,574 (16)
Statins	5,978 (29.2)	3,285 (29.7)	2,508 (30.3)	12,018 (29.2)
OTT (min)				
IVT	140 (105–185)	150 (114–195)	150 (112–194)	154 (115–205)
EVT	220 (155–324)	245 (175–366.5)	240 (190–310.5)	240 (168.5–370)
NIHSS baseline	20 (17–22)	19 (16–22)	21 (18–23)	7 (5–15)
NIHSS 1a ≥1	7,585 (40.2)	3,908 (37.8)	3,558 (44.2)	2,808 (7.3)
SBP baseline (mm Hg)	150 (133–167)	152 (137–170)	151 (136–170)	152 (138–170)
DBP baseline (mm Hg)	80 (70–90)	80 (71–90)	80 (70–90)	81 (75–90)
Glucose baseline (mg)	125 (106–152)	128 (109–161)	128.5 (109–160)	118 (102–143)
Cholesterol baseline (mg)	172 (145–200)	173 (146–201)	172 (145–200)	180 (151–210)
Current infarct baseline	4,360 (21.3)	2,524 (23.4)	2,048 (25.2)	4,061 (10.2)
Hyperdense artery sign baseline	8,928 (43.6)	4,802 (44.5)	4,021 (50)	5,966 (15.1)
Side (CTA occlusion)	6,060	2,921	2,330	5,352
Left	3,580 (59.1)	1,804 (61.8)	1,538 (66)	2,247 (42)
Right	2,440 (40.3)	1,090 (37.3)	773 (33.1)	3,083 (57.6)
Both	40 (0.6)	27 (0.8)	20 (0.9)	22 (0.4)

Values are presented as mean±standard deviation, median (interquartile range), or number (%).

SHS, severe hemispheric syndrome; pSHS, persistent severe hemispheric syndrome; NIHSS, National Institutes of Health Stroke Scale; IVT, intravenous thrombolysis; EVT, endovascular treatment; TIA, transient ischemic attack; mRS, modified Rankin Scale; OTT, onset to treatment time; SBP, systolic blood pressure; DBP, diastolic blood pressure; CTA, computed tomography angiography.