**Supplementary Table 1.** Comparison of characteristics between patients with failed and successful recanalization

| Variable | Failed recanalization (n=59) | Successful recanalization (n=114) | P-value |
|---|---|---|---|
| Age (yr) | 67.2±13.6 | 68.6±13.0 | 0.491[a] |
| Female | 34 (57.6) | 42 (36.8) | 0.009[b] |
| Hypertension | 36 (61.0) | 78 (68.4) | 0.330[b] |
| Diabetes | 19 (32.2) | 29 (25.4) | 0.346[b] |
| Hyperlipidemia | 20 (33.9) | 36 (31.6) | 0.757[b] |
| Prior stroke | 9 (15.3) | 26 (22.8) | 0.241[b] |
| Ischemic heart disease | 7 (11.9) | 19 (16.7) | 0.402[b] |
| Atrial fibrillation | 31 (52.5) | 65 (57.0) | 0.574[b] |
| Current smoking | 12 (20.3) | 16 (14.0) | 0.286[c] |
| Premorbid independence (pre-stroke mRS ≤2) | 58 (98.3) | 109 (95.6) | 0.665[c] |
| Previous medication | | | |
|    Antiplatelet | 13 (22.0) | 32 (28.1) | 0.391[b] |
|    Anticoagulant | 8 (13.6) | 15 (13.2) | 0.941[b] |
|    Statin | 10 (16.9) | 22 (19.3) | 0.706[b] |
| Initial systolic BP (mmHg) | 141.9±20.7 | 149.7±28.6 | 0.041[a] |
| Initial diastolic BP (mmHg) | 84.6±14.3 | 86.9±17.1 | 0.389[a] |
| Initial blood glucose (mg/dL) | 148.6±61.6 | 157.5±57.9 | 0.337[a] |
| Initial NIHSS | 18 (13–21) | 15 (10–18) | 0.018[d] |
| Onset to ER time (min) | 94 (48–225) | 65 (34–159) | 0.149[d] |
| ER to groin time (min) | 155 (123–210) | 142 (117–178) | 0.127[d] |
| Onset to groin time (min) | 274 (201–412) | 229 (172–331) | 0.126[d] |
| Procedure time (min) | 68.8±39.5 | 52.1±34.3 | 0.006[a] |
| Location of symptomatic occlusion | | | 0.428[b] |
|    ICA | 27 (45.8) | 41 (36.0) | |
|    M1 | 23 (39.0) | 55 (48.2) | |
|    M2 | 9 (15.3) | 18 (15.8) | |
|    ICA vs. others | 27 (45.8) | 41 (36.0) | 0.211[b] |
| CTA-SI ASPECTS | 5 (2–7) | 7 (3–9) | 0.004[d] |
| Clot burden score on CTA | 6 (4–8) | 6 (4–7) | 0.577[d] |
| Poor collaterals | 32 (54.2) | 37 (32.5) | 0.006[b] |
| Use of IVT | 28 (47.5) | 56 (49.1) | 0.835[b] |
| Stroke classification | | | 0.407[b] |
|    Large artery atherosclerosis | 21 (35.6) | 34 (29.8) | |
|    Cardioembolism | 28 (47.5) | 66 (57.9) | |
|    Undetermined | 10 (16.9) | 14 (12.3) | |

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

mRS, modified Rankin scale; BP, blood pressure; NIHSS, National Institutes of Health Stroke Scale; ER, emergency department; ICA, internal carotid artery; CTA-SI ASPECTS, CT angiography source image Alberta Stroke Program Early CT Score; IVT, intravenous thrombolysis; CT, computed tomography.

Variables were analyzed using [a]Independent t-test, [b]Chi-square test, [c]Fisher exact test, or [d]Mann-Whitney U-test.