

**Supplementary Table 3.** Outcome data of the included patients before matching

Variable	Overall (n=1,057)	MT-IVT (n=715)	IVT alone (n=342)	P
Total number of passes	1.00 (1.00–3.00)	1.00 (1.00–3.00)	NA (NA, NA)	
Day one NIHSS	4 (1–11)	5 (2–13)	2 (1–5)	<0.001***
NIHSS shift	-3 (-7–0)	-3 (-8–1)	-2 (-6–0)	0.50
mTICI 2c-3	-	378 (55)	NA	
mTICI 2b-3	-	614 (89)	NA	
FPE	-	207 (33)	NA	
90-day mRS 0–1	452 (43)	275 (38)	177 (52)	<0.001***
90-day mRS 0–2	632 (60)	411 (57)	221 (65)	0.032*
90-day mortality	140 (13)	103 (14)	37 (11)	0.13
sICH	93 (8.9)	70 (10.0)	23 (6.7)	0.11
ICH (any type)	312 (30)	253 (35)	59 (17)	<0.001***
ICH (by type)				
HI1	134 (13)	126 (18)	8 (2.4)	<0.001***
HI2	37 (3.6)	20 (2.8)	17 (5.1)	0.10
PH1	32 (3.1)	18 (2.6)	14 (4.2)	0.22
PH2	22 (2.1)	14 (2.0)	8 (2.4)	0.86
SAH	70 (6.7)	64 (9.1)	6 (1.8)	<0.001***
Embolization in new territories	25 (3.4)	25 (3.6)	0 (0)	0.59
Perforation	37 (5.1)	37 (5.3)	0 (0)	0.39
Artery dissection	3 (0.4)	3 (0.4)	0 (0)	>0.99

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

MT, mechanical thrombectomy; IVT, intravenous thrombolysis; NIHSS, National Institutes of Health Stroke Scale; mTICI, modified Thrombolysis in Cerebral Infarction; FPE, first-pass effect; mRS, modified Rankin Scale; sICH, symptomatic intracerebral hemorrhage; ICH, intracerebral hemorrhage; HI1, hemorrhagic infarction type 1; HI2, hemorrhagic infarction type 2; PH1, parenchymal hemorrhage type 1; PH2, parenchymal hemorrhage type 2; SAH, subarachnoid hemorrhage; NA, not applicable.

\*P<0.05; \*\*\*P<0.001.

**Supplementary Table 4.** Pre-imputation multivariable logistic regression model (complete case analysis) compared with the imputed model

Outcome	Multivariable model sensitivity analysis			
	Imputed model		Pre-imputation model	
	OR (95% CI)	P	OR (95% CI)	P
90-day mRS 0–1	1.21 (0.81–1.79)	0.35	1.06 (0.51–2.19)	0.88
90-day mRS 0–2	1.00 (0.66–1.51)	>0.99	1.03 (0.68–1.56)	0.88
90-day mortality	0.75 (0.44–1.29)	0.3	0.75 (0.43–1.30)	0.31
sICH	0.78 (0.42–1.45)	0.44	0.77 (0.41–1.42)	0.40
ICH (any type)	0.43 (0.29–0.63)	<0.001	0.49 (0.27–0.86)	0.015
HI1	0.17 (0.08–0.36)	<0.001	0.20 (0.05–0.60)	0.011
HI2	4.37 (1.42–13.5)	0.01	2.80 (0.56–14.0)	0.20
PH1	1.30 (0.55–3.07)	0.56	1.24 (0.32–4.35)	0.74
PH2	2.10 (0.59–7.44)	0.25	2.97 (0.67–14.0)	0.15
SAH	0.17 (0.07–0.41)	<0.001	0.14 (0.02–0.48)	0.008

mRS, modified Rankin Scale; sICH, symptomatic intracerebral hemorrhage; ICH, intracerebral hemorrhage; HI1, hemorrhagic infarction type 1; HI2, hemorrhagic infarction type 2; PH1, parenchymal hemorrhage type 1; PH2, parenchymal hemorrhage type 2; SAH, subarachnoid hemorrhage; OR, odds ratio; CI, confidence interval.