

**Supplementary Table 6.** Baseline characteristics of patients with missing data

Parameters	Patients with FBS data n=1,019	Patients without FBS data n=98	Pvalue	Patients with BMI data n=1,084	Patients without BMI data n=33	Pvalue
Onset-to-admission time (hour), (mean ± SD)	28.2 (37.0)	32.0 (40.3)	0.331	28.1 (36.7)	43.4 (46.3)	0.020
Demographics						
Sex:males, n (%)	590 (57.9)	49 (50.0)	0.131	623 (57.5)	16 (48.5)	0.304
Age (mean ± SD)	65.3 (13.5)	65.4 (13.3)	0.952	65.2 (13.5)	70.3 (12.4)	0.030
Body mass index (kg/m <sup>2</sup> ), (mean ± SD)	23.8 (3.2)	23.4 (3.4)	0.327			
High BMI (≥ 25), n (%)	328 (33.1)	27 (28.7)	0.656			
Normal BMI, n (%)	562 (56.8)	56 (59.6)				
Low BMI (< 20), n (%)	100 (10.1)	11 (11.7)				
Smoking status, n (%)						
Current smoker	306 (30.1)	30 (30.6)	0.924	328 (30.4)	8 (24.2)	0.450
Non-smoker	709 (69.9)	68 (69.4)		752 (69.6)	25 (75.8)	
Former smoker	117 (11.5)	9 (9.2)		122 (11.3)	4 (12.1)	
Never-smoker	592 (58.3)	59 (60.2)		630 (58.3)	21 (63.6)	
Hypertension, n (%)	634 (62.2)	59 (60.2)	0.695	672 (62.0)	21 (63.6)	0.848
Diabetes mellitus, n (%)	301 (29.5)	30 (30.6)	0.824	320 (29.5)	11 (33.3)	0.637
Hyperlipidemia, n (%)	311 (30.5)	24 (24.5)	0.213	328 (30.3)	7 (21.2)	0.264
Atrial fibrillation, n (%)	210 (20.7)	22 (22.4)	0.679	226 (20.9)	6 (18.2)	0.704
Stroke subtype, n (%)						
Large artery disease	318 (36.9)	20 (24.7)	0.070	326 (35.7)	12 (40.0)	0.841
Small vessel disease	326 (37.9)	34 (42.0)		350 (38.4)	10 (33.3)	
Cardioembolism	217 (25.2)	27 (33.3)		236 (25.9)	8 (26.7)	
Received tPA thrombolysis, n (%)	85 (8.3)	8 (8.2)	0.951	91 (8.4)	2 (6.1)	0.633
Initial NIHSS score (mean ± SD)						
Initial NIHSS ≤ 1	303 (29.7)	28 (28.6)	0.630	323 (29.8)	8 (24.2)	0.427
2-3	273 (26.8)	24 (24.5)		288 (26.6)	9 (27.3)	
4-8	213 (20.9)	26 (26.5)		234 (21.6)	5 (15.2)	
≥ 9	230 (22.6)	20 (20.4)		239 (22.0)	11 (33.3)	

FBS, fasting blood sugar; BMI, body mass index; NIHSS, National Institutes of Health Stroke Scale; tPA, tissue plasminogen activator.