

Supplementary Table 4. Factors associated with 3-month death in the univariate analysis

Parameters	No death n= 1,042	Death n=75	OR	95% CI		Pvalue
Onset-to-admission time (hour), (mean ± SD)	29.3 ± 37.4	18.0 ± 31.3	0.89	0.81	0.98	0.013
Males, n (%)	610 (58.5)	29 (38.7)	0.45	0.28	0.72	0.001
Age (mean ± SD)	64.5 ± 13.3	76.6 ± 10.9	2.47	1.92	3.17	<0.001
Body mass index (kg/m ²), (mean ± SD)	23.8 ± 3.2	23.1 ± 3.6	0.93	0.86	1.01	0.083
High BMI (≥ 25), n (%)	336 (33.1)	19 (27.9)	0.86	0.49	1.52	0.611
Normal BMI (ref.), n (%)	580 (57.1)	38 (55.9)	ref.	ref.	ref.	
Low BMI (< 20), n (%)	100 (9.8)	11 (16.2)	0.86	0.49	1.52	0.611
Current smokers, n (%)	326 (31.4)	10 (13.3)	0.34	0.17	0.66	0.001
Non-smokers, n (%)	712 (68.6)	65 (86.7)	ref.	ref.	ref.	
Current smokers, n (%)	326 (31.4)	10 (13.3)	0.36	0.18	0.72	0.004
Former smokers, n (%)	112 (10.8)	14 (18.7)	1.47	0.79	2.75	0.226
Never-smokers, n (%)	600 (57.8)	51 (68.0)	ref.	ref.	ref.	
Hypertension, n (%)	641 (61.5)	52 (69.3)	1.41	0.85	2.35	0.180
Diabetes mellitus, n (%)	308 (29.6)	23 (30.7)	1.05	0.63	1.75	0.839
Hyperlipidemia, n (%)	323 (31.0)	12 (16.0)	0.42	0.23	0.80	0.008
Atrial fibrillation, n (%)	193 (18.6)	39 (52.0)	4.75	2.94	7.67	<0.001
Stroke subtype, n (%)						
Small vessel disease	356 (40.1)	4 (7.3)	ref.	ref.	ref.	
Large artery disease	322 (36.3)	16 (29.1)	4.42	1.46	13.37	0.008
Cardioembolism	209 (23.6)	35 (63.6)	14.90	5.22	42.53	<0.001
Received tPA thrombolysis, n (%)	79 (7.6)	14 (18.7)	2.80	1.50	5.22	0.001
Initial NIHSS ≤ 1	329 (31.6)	2 (2.7)	ref.	ref.	ref.	
2-3	291 (27.9)	6 (8.0)	3.39	0.68	16.94	0.137
4-8	232 (22.3)	7 (9.3)	4.96	1.02	24.11	0.047
≥ 9	190 (18.2)	60 (80.0)	51.95	12.56	214.93	<0.001
Initial systolic BP (mean ± SD)	142 ± 24	147 ± 25	1.08	0.98	1.19	0.104
Fasting glucose (mg/dL), (mean ± SD)	117 ± 46	146 ± 60	1.08	1.04	1.13	<0.001
LDL - cholesterol (mg/dL), (mean ± SD)	117 ± 36	109 ± 36	0.94	0.97	1.01	0.072
WBC (/mm ³), (mean ± SD)	8,097 ± 2,853	10,089 ± 4,036	1.19	1.12	1.27	<0.001
Hemoglobin (g/dL), (mean ± SD)	13.7 (1.9)	12.8 (2.3)	0.29	0.18	0.39	<0.001

In these analysis, there were missing data for atrial fibrillation in 3 patients (0.3%), smoking status in 4 (0.36%), BMI in 33 (3.0%), WBC in one (0.1%), LDL-C in 22 (2.0%), and fasting glucose in 98 (8.8%) patients.

BMI, body mass index; BP, blood pressure; LDL, low density lipoprotein; NIHSS, National Institutes of Health Stroke Scale; tPA, tissue plasminogen activator; WBC, white blood cell.