

Supplementary Table 1. Baseline characteristics according to baseline cardiac troponin levels

Characteristic	Conventional troponin I			High-sensitivity troponin T		
	Normal (n=828)	High (n=209)	P	Normal (n=631)	High (n=170)	P
Age in years	63.8±13.4	71.0±11.7	<0.001	63.6±13.5	73.4±10.8	<0.001
Male sex	535 (64.6)	95 (45.5)	<0.001	432 (68.5)	73 (42.9)	<0.001
Comorbidities						
Hypertension	434 (52.4)	124 (59.3)	0.087	288 (45.6)	98 (57.6)	0.007
Diabetes mellitus	201 (24.3)	55 (26.3)	0.602	147 (23.3)	49 (28.8)	0.165
Dyslipidemia	120 (14.5)	29 (13.9)	0.907	121 (19.2)	23 (13.5)	0.112
Cancer	100 (12.1)	34 (16.3)	0.134	56 (8.9)	25 (14.7)	0.036
Current smoking	211 (25.5)	28 (13.4)	<0.001	147 (23.3)	17 (10.0)	<0.001
Coronary heart disease	46 (5.6)	17 (8.1)	0.218	43 (6.8)	22 (12.9)	0.015
Prior stroke or TIA	149 (18.0)	27 (12.9)	0.100	101 (16.0)	36 (21.2)	0.140
Cardiac markers						
Troponin (ng/L)	14.4±3.5	285.2±794.3	<0.001	8.9±5.7	42.4±53.0	<0.001
NT-pro BNP (ng/mL)	0.9±3.3	4.5±9.2	<0.001	0.9±3.4	2.6±6.5	0.054
CK-MB (ng/mL)	3.9±9.0	7.0±16.6	0.335	2.0±3.7	3.1±2.4	0.004
Myoglobin (µg/mL)	0.2±0.3	0.5±1.3	0.158	0.2±0.4	0.3±0.6	0.555
Biochemical variables						
Total cholesterol (mg/dL)	180.4±43.1	173.1±48.9	0.057	177.3±43.3	173.4±45.7	0.333
LDL-C (mg/dL)	118.2±54.3	111.0±41.9	0.054	113.4±57.8	107.8±38.0	0.164
Triglyceride (mg/dL)	116.7±70.3	108.9±59.5	0.108	118.6±70.0	115.7±60.1	0.614
HDL-C (mg/dL)	45.1±12.1	43.9±14.3	0.330	46.0±16.9	45.4±14.3	0.664
Fasting blood sugar (mg/dL)	122.1±46.3	127.8±51.5	0.154	124.8±48.1	119.5±43.5	0.230
Glycated hemoglobin (%)	6.1±1.3	6.1±1.2	0.861	6.2±1.4	6.2±1.3	0.684
Hemoglobin (g/dL)	13.7±1.9	12.7±2.0	<0.001	13.9±1.9	12.9±1.9	<0.001
Leukocyte counts (×10 ⁹ /L)	8.7±3.1	9.0±3.4	0.309	8.4±3.0	8.1±2.7	0.369
Creatinine (mg/dL)	0.8±0.6	1.0±1.1	0.016	0.9±0.4	1.1±1.1	0.009
C-reactive protein (mg/dL)	0.7±2.0	1.2±2.5	0.003	0.7±2.2	1.2±2.0	0.005
Initial NIHSS	2 (0–7)	3 (1–9)	0.008	2 (0–5)	3 (1–8)	0.003
Systolic blood pressure (mm Hg)	137.8±23.0	136.9±23.7	0.606	136.4±22.6	139.3±21.6	0.160
Diastolic blood pressure (mm Hg)	83.6±13.3	81.4±14.5	0.039	82.5±14.1	81.8±15.4	0.601
Intravenous alteplase	145 (17.5)	25 (12.0)	0.067	64 (10.1)	21 (12.4)	0.490
Mechanical thrombectomy	56 (6.8)	16 (7.7)	0.763	61 (9.7)	17 (10.0)	1.000
Lesion territory			0.954			1.000
Anterior circulation	547 (66.1)	137 (65.6)		416 (65.9)	112 (65.9)	
Posterior circulation	281 (33.9)	72 (34.4)		215 (34.1)	58 (34.1)	

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

TIA, transient ischemic attack; NT-pro BNP, N-terminal pro B-type natriuretic peptide; CK-MB, creatine kinase myocardial band; LDL-C, low-density lipoprotein cholesterol; HDL-C, high-density lipoprotein cholesterol; NIHSS, National Institutes of Health Stroke Scale.