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Supplementary Table 7. Model output of binary logistic regression analysis for the association between hemoglobin level on admission and mRS 3–6 at 90 days

Independent variables	Adjusted OR (95% CI)	P
Age (yr)	1.05 (1.03 to 1.07)	<0.001*
History of cardiovascular risk factors	1.01 (0.62 to 1.66)	0.963
History of stroke	2.65 (1.32 to 5.34)	0.006*
Use of antithrombotic medication	1.00 (0.60 to 1.68)	0.990
Systolic blood pressure	1.00 (0.99 to 1.01)	0.498
Stroke severity (NIHSS) on admission	1.09 (1.05 to 1.13)	<0.001*
Intravenous thrombolysis	0.58 (0.34 to 0.99)	0.046*
Serum glucose on admission (mmol/L)	1.10 (1.00 to 1.20)	0.050
ASPECTS on admission	0.91 (0.79 to 1.03)	0.143
Poor collaterals (≤50%) on admission	0.47 (0.29 to 0.78)	0.003*
Occlusion segment: (ICA=ref)		
ICA-Top	1.08 (0.39 to 3.01)	0.877
M1 segment	0.57 (0.24 to 1.36)	0.203
M2 segment	0.48 (0.18 to 1.27)	0.140
Total EVT-attempts	1.05 (0.91 to 1.21)	0.496
Recanalization	0.32 (0.20 to 0.53)	<0.001*
Duration of EVT (min)	1.01 (1.00 to 1.02)	0.008*
Hemoglobin on admission (g/dL)	0.80 (0.69 to 0.92)	0.001*

mRS, modified Rankin Scale; OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; ASPECTS, Alberta Stroke Program Early CT Score; ICA, internal carotid artery; EVT, endovascular treatment.
*Statistical significance.

Supplementary Table 8. Model output of binary logistic regression analysis for the association between anemia and mortality at 90 days

Independent variables	Adjusted OR (95% CI)	P
Age (yr)	1.06 (1.04 to 1.09)	<0.001*
History of cardiovascular risk factors	0.94 (0.54 to 1.63)	0.823
History of stroke	1.46 (0.80 to 2.72)	0.238
Use of antithrombotic medication	1.08 (0.64 to 1.84)	0.769
Stroke severity (NIHSS) on admission	1.11 (1.06 to 1.15)	<0.001*
Serum glucose on admission (mmol/L)	1.11 (1.03 to 1.21)	0.010*
Serum creatinine on admission (μmol/L)	1.00 (1.00 to 1.01)	0.058
Serum CRP on admission (mg/L)	1.01 (1.00 to 1.02)	0.014*
Poor collaterals (≤50%) on admission	0.53 (0.32 to 0.87)	0.012*
Occlusion segment: (ICA=ref)		
ICA-Top	0.90 (0.35 to 2.33)	0.823
M1 segment	0.57 (0.24 to 1.33)	0.191
M2 segment	0.46 (0.17 to 1.22)	0.118
Total EVT-attempts	1.04 (0.91 to 1.18)	0.602
Recanalization	0.40 (0.25 to 0.67)	<0.001*
Duration of EVT (min)	1.01 (1.00 to 1.02)	0.011*
Presence of anemia	1.53 (0.88 to 2.66)	0.130

OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; CRP, C-reactive protein; ICA, internal carotid artery; EVT, endovascular treatment.
*Statistical significance.

Supplementary Table 9. Model output of binary logistic regression analysis for the association between hemoglobin level on admission and mortality at 90 days

Independent variables	Adjusted OR (95% CI)	P
Age (yr)	1.06 (1.04 to 1.09)	<0.001*
History of cardiovascular risk factors	0.91 (0.52 to 1.59)	0.738
History of stroke	1.44 (0.77 to 2.70)	0.250
Use of antithrombotic medication	1.08 (0.64 to 1.84)	0.769
Stroke severity (NIHSS) on admission	1.10 (1.06 to 1.15)	<0.001*
Serum glucose (mmol/L) on admission	1.12 (1.03 to 1.22)	0.006*
Serum creatinine (μmol/L) on admission	1.00 (1.00 to 1.01)	0.056
Serum CRP (mg/L) on admission	1.00 (1.00 to 1.02)	0.026*
Poor collaterals (≤50%) on admission	0.50 (0.31 to 0.83)	0.008*
Occlusion segment: (ICA=ref)		
ICA-Top	0.91 (0.35 to 2.38)	0.848
M1 segment	0.58 (0.25 to 1.37)	0.215
M2 segment	0.46 (0.17 to 1.23)	0.122
Total EVT-attempts	1.03 (0.91 to 1.18)	0.620
Recanalization	0.41 (0.25 to 0.68)	<0.001*
Duration of EVT (min)	1.01 (1.00 to 1.02)	0.013*
Hemoglobin (g/dL) on admission	0.86 (0.74 to 1.0)	0.059

OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; CRP, C-reactive protein; ICA, internal carotid artery; EVT, endovascular treatment.
*Statistical significance.