

Supplementary Table 5. Model output of ordinal logistic regression analysis for the association between hemoglobin level on admission and mRS at 90 days

Independent variables	Adjusted cOR (95% CI)	P
Age (yr)	1.03 (1.02 to 1.04)	<0.001*
History of cardiovascular risk factors	1.03 (0.71 to 1.50)	0.861
History of stroke	1.85 (1.16 to 2.93)	0.009*
Use of antithrombotic medication	1.10 (0.75 to 1.63)	0.618
Systolic blood pressure	1.00 (1.00 to 1.01)	0.513
Stroke severity (NIHSS) on admission	1.09 (1.06 to 1.12)	<0.001*
Intravenous thrombolysis	0.74 (0.51 to 1.08)	0.192
Serum glucose on admission (mmol/L)	1.10 (1.03 to 1.17)	0.003*
ASPECTS on admission	0.96 (0.87 to 1.05)	0.357
Poor collaterals ($\leq 50\%$) on admission	0.50 (0.35 to 0.71)	<0.001*
Occlusion segment: (ICA=ref)		
ICA-Top	1.07 (0.52 to 2.22)	0.846
M1 segment	0.79 (0.42 to 1.48)	0.468
M2 segment	0.64 (0.31 to 1.29)	0.211
Total EVT-attempts	1.03 (0.93 to 1.13)	0.608
Recanalization	0.47 (0.33 to 0.67)	<0.001*
Duration of EVT (min)	1.01 (1.01 to 1.02)	<0.001*
Hemoglobin level on admission	0.83 (0.75 to 0.93)	<0.001*
Hemoglobin on admission*age (g/dL)	0.995 (0.991 to 0.999)	0.016*

mRS, modified Rankin Scale; cOR, common 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 6. Model output of binary logistic regression analysis for the association between anemia and mRS 3–6 at 90 days

Independent variables	Adjusted OR (95% CI)	P
Age (yr)	1.05 (1.03 to 1.08)	0.003*
History of cardiovascular risk factors	1.07 (0.66 to 1.76)	0.779
History of stroke	2.65 (1.32 to 5.34)	0.006*
Use of antithrombotic medication	0.98 (0.59 to 1.64)	0.941
Systolic blood pressure	1.00 (0.99 to 1.01)	0.626
Stroke severity (NIHSS) on admission	1.09 (1.05 to 1.13)	<0.001*
Intravenous thrombolysis	0.57 (0.33 to 0.97)	0.037*
Serum glucose on admission (mmol/L)	1.09 (0.99 to 1.19)	0.076
ASPECTS on admission	0.91 (0.80 to 1.04)	0.161
Poor collaterals ($\leq 50\%$) on admission	0.52 (0.32 to 0.84)	0.008*
Occlusion segment: (ICA=ref)		
ICA-Top	1.07 (0.38 to 2.98)	0.896
M1 segment	0.57 (0.24 to 1.36)	0.204
M2 segment	0.47 (0.18 to 1.24)	0.128
Total EVT-attempts	1.05 (0.92 to 1.21)	0.461
Recanalization	0.32 (0.19 to 0.52)	<0.001*
Duration of EVT (min)	1.01 (1.00 to 1.02)	0.007*
Presence of anemia	2.09 (1.21 to 3.63)	0.009*

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.