Supplementary Table 1. Full multivariable model of the 3-month mRS score including glycemic trajectory group and admission glucose

Model 4*	Common OR (95% CI)†	*P*‡
Glycemic trajectory group		0.002
Normoglycemic (Group 1)	1 (Ref)	
Persistently elevated stable (Group 2)	0.36 (0.20–0.63)	<0.001
Variable hyperglycemic (Group 3)	0.52 (0.26–1.03)	0.061
Admission glucose (per 10 unit increase)	0.94 (0.87–1.01)	0.073
Age	0.96 (0.94–0.98)	<0.001
Male sex	0.80 (0.51–1.26)	0.342
Baseline NIHSS	0.91 (0.86–0.95)	<0.001
ASPECTS	1.17 (1.05–1.31)	0.004
HTN	0.87 (0.52–1.43)	0.575
DM	1.21 (0.68–2.16)	0.512
IVT	1.73 (1.10–2.73)	0.018
HbA1c	0.84 (0.65–1.10)	0.210

mRS, modified Rankin Scale; OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; ASPECTS, Alberta Stroke Program Early Computed Tomography Score; HTN, hypertension; DM, diabetes mellitus; IVT, intravenous thrombolysis; HbA1c, hemoglobin A1c; Ref, reference.
*Model 4: adjusted for age, sex, initial NIHSS, ASPECTS, HTN, DM, IVT, HbA1c, and admission glucose; †Common OR: ordinal shift across the range of mRS scores toward a better outcome; ‡*P*-value by ordinal logistic regression.

Supplementary Table 2. Association of admission glucose with 3-month mRS score

	Common OR (95% CI)*	*P*†
3-month mRS (shift analysis)		
Unadjusted common OR (95% CI)	0.91 (0.87–0.96)	<0.001
Adjusted common OR (95% CI)‡	0.90 (0.86–0.95)	<0.001
Adjusted common OR (95% CI)§	0.91 (0.86–0.97)	0.002
Adjusted common OR (95% CI)‖	0.94 (0.88–1.01)	0.079

mRS, modified Rankin Scale; OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale; ASPECTS, Alberta Stroke Program Early Computed Tomography Score; HTN, hypertension; DM, diabetes mellitus; IVT, intravenous thrombolysis; HbA1c, hemoglobin A1c.
*Common OR: ordinal shift across the range of mRS scores toward a better outcome. OR for admission glucose are expressed per 10-mg/dL increase; †*P*-value by ordinal logistic regression; ‡Model 1: adjusted for age, sex, initial NIHSS, and ASPECTS; §Model 2: adjusted for age, sex, initial NIHSS, ASPECTS, HTN, DM, and IVT; ‖Model 3: adjusted for age, sex, initial NIHSS, ASPECTS, HTN, DM, IVT, and HbA1c.