Supplementary Table 3. Regression statistics of stroke severity index model

Statistic	Value
Multiple regression correlation coefficient	0.70
R square	0.49
Adjusted R square	0.49
Standard error	4.52
Observations	3.13

Supplementary Table 4. Multiple linear regression model for the stroke severity index (regression coefficient was 0.685)

Variable	Coefficient	Standard error	P
Airway suctioning	3.7345	0.353	<0.001
Bacterial sensitivity test	1.1990	0.289	<0.001
General ward stay	−2.9088	0.224	<0.001
ICU stay	−0.1125	0.322	0.519
Nasogastric intubation	3.4404	0.174	<0.001
Osmotherapy	1.8908	0.262	<0.001
Urinary catheterization	2.7366	0.305	<0.001
Constant	5.8726	0.234	<0.001

ICU, intensive care unit.

Supplementary Table 5. Characteristics of the patients in clinical databases (n=4,932)

Characteristic	DAUH (n=3,176)	PNUYH (n=1,756)	P
Age	67.2±12.6	70.0±12.9	<0.001
Female sex	1,243 (39.7)	713 (40.5)	0.557
NIHSS	4 (1–10)	4 (1–9)	0.181
LOS	7 (4–11)	9 (6–14)	<0.001

Values are presented as mean±standard deviation, number (%), or median (interquartile range).
DAUH, Dong-A University Hospital; PNUYH, Pusan National University Yangsan Hospital; NIHSS, National Institutes of Health Stroke Scale; LOS, length of stay.

Supplementary Table 6. Comparison of the clinical and administrative databases (n=4,932)

Variable	DAUH	PNUYH	Overall
Sensitivity (%)	97.2	73.2	83.2
Specificity (%)	98.5	99.3	98.8
Positive predictive value (%)	70.5	92	80.2

DAUH, Dong-A University Hospital; PNUYH, Pusan National University Yangsan Hospital.