Supplementary Table 5. Variable importance from the random forest model

Variable	Mean decrease accuracy	Mean decrease Gini
Initial NIHSS	69.55	296.75
Premorbid mRS	20.06	70.37
TOAST classification	19.19	81.73
Relevant large artery steno-occlusion	16.49	28.00
WBC ($\times 10^3/\mu L$)	14.18	193.35
Platelets (per 10 $\times 10^3/\mu L$)	11.09	169.35
IV thrombolysis	11.05	16.44
PT (INR)	10.96	152.91
Diastolic BP (per 10 mmHg)	10.26	149.08
IA thrombectomy	10.13	30.29
Hemoglobin (g/dL)	9.92	162.23
Age (per 10 years)	9.14	152.09
Systolic BP (per 10 mmHg)	8.84	157.29
Creatinine (mg/dL)	7.66	163.11
Atrial fibrillation	6.22	13.85
LDL cholesterol (per 10 mg/dL)	5.76	164.42
Triglycerides (per 10 mg/dL)	4.49	157.66
Coronary heart disease	4.48	15.90
Previous stroke	4.47	19.10
Sex, male	3.73	17.96
HDL cholesterol (mg/dL)	3.57	145.37
Current smoker	2.64	14.28
Diabetes mellitus	1.23	17.81
Initial glucose (per 10 mg/dL)	0.82	161.64
Hypertension	−0.13	18.29

Variables are ranked in descending order of mean decrease in classification accuracy.
NIHSS, National Institutes of Health Stroke Scale; mRS, modified Rankin Scale; TOAST, Trial of Org 10172 in Acute Stroke Treatment; WBC, white blood cell count; IV, intravenous; PT, prothrombin time; INR, international normalized ratio; BP, blood pressure; IA, intra-arterial; LDL, low-density lipoprotein; HDL, high-density lipoprotein.