

Supplementary Table 1. Factors associated with favorable outcome (mRS, 0-1) in KTAS 2 and KTAS 3

Factor	Univariable analysis			Multivariate analysis		
	OR	95% CI	p-value	OR	95% CI	p-value
KTAS	0.930	0.727-1.189	0.561			
Age (years)	0.944	0.935-0.953	<0.001	0.949	0.937-0.961	<0.001
Sex, male	1.657	1.343-2.045	<0.001	1.294	0.929-1.802	0.127
Hypertension	0.776	0.617-0.975	0.294	0.904	0.657-1.242	0.532
Diabetes	0.700	0.564-0.867	0.001	0.630	0.471-0.843	0.002
Previous stroke	0.508	0.404-0.639	<0.001	0.578	0.428-0.781	0.001
Hyperlipidemia	0.974	0.792-1.197	0.801			
Smoking	1.431	1.156-0.772	0.001	0.981	0.704-1.365	0.908
Atrial fibrillation	0.582	0.457-0.742	<0.001	1.296	0.777-2.161	0.320
Coronary heart disease	0.688	0.528-0.897	0.006	0.635	0.445-0.905	0.012
Stroke etiology						
Small vessel occlusion	1.000	Ref		1.000	Ref	
Large artery atherosclerosis	0.915	0.675-1.240	0.567	1.035	0.685-1.565	0.869
Cardioembolism	1.357	0.991-1.858	0.057	0.984	0.644-1.502	0.939
Other determined	0.629	0.461-0.858	0.004	0.898	0.523-1.542	0.696
Undetermined	0.656	0.428-1.005	0.053	0.266	0.147-0.482	<0.001
Stroke Severity ^a						
Severe	1.000	Ref		1.000	Ref	
Moderate	1.170	0.950-1.442	<0.139	9.927	6.768-14.56	<0.001
Mild	8.936	6.552-12.19	<0.001	49.881	31.01-80.24	<0.001
Early neurological deterioration	0.272	0.203-0.363	<0.001	0.199	0.137-0.290	<0.001
Endovascular treatment	0.482	0.352-0.661	<0.001	0.903	0.442-1.844	0.780
Thrombolysis	0.562	0.428-0.738	<0.001	2.083	1.101-3.941	0.024
Anterior circulation stroke	0.498	0.392-0.632	<0.001	0.625	0.455-0.858	0.004
Daytime onset	1.476	1.196-1.822	0.001	0.314	0.993-1.740	0.056
Season onset						
Spring	1.000	Ref				
Summer	1.018	0.745-1.391	0.911			
Fall	0.943	0.691-1.286	0.709			
Winter	0.870	0.630-1.201	0.397			

Logistic regression was used. Adjusted for age, sex, diabetes, previous stroke, smoking, atrial fibrillation, coronary heart disease, stroke etiology, stroke severity, early neurological deterioration, endovascular treatment, thrombolysis, anterior circulation stroke and daytime onset.

mRS; modified Rankin scale, KTAS; Korean Triage and Acuity Scale, OR; odds ratio, CI; confidence interval, Ref; reference, NIHSS; National Institutes of Health stroke scale.

^aStroke severity based on initial NIHSS score and categorized into three groups: 0-1, 2-6, and ≥7.