

Supplementary Table 2. Multivariable proportional-odds logistic regression analysis of 3-month functional outcomes (mRS, 0-6)

Factor	Univariable analysis			Multivariable analysis		
	OR	95% CI	p-value	OR	95% CI	p-value
KTAS	0.986	0.795-1.224	0.8996			
Age (years)	0.953	0.945-0.960	<0.001	0.935	0.920-0.949	<0.001
Sex, male	1.765	1.466-2.125	<0.001	1.486	1.023-2.160	0.038
Hypertension	0.735	0.603-0.897	0.002	0.839	0.578-1.219	0.357
Diabetes	0.723	0.598-0.873	0.001	0.500	0.359-0.698	<0.001
Previous stroke	0.482	0.393-0.591	<0.001	0.694	0.496-0.972	0.033
Hyperlipidemia	0.991	0.827-1.187	0.920			
Smoking	1.435	1.192-1.728	0.001	0.982	0.670-1.437	0.924
Atrial fibrillation	0.610	0.492-0.757	<0.001	1.718	0.972-3.038	0.063
Coronary heart disease	0.764	0.604-0.965	0.024	0.704	0.472-1.050	0.085
Stroke etiology						
Small vessel occlusion	1.000	Ref		1.000	Ref	
Large artery atherosclerosis	0.854	0.655-1.114	0.244	1.190	0.747-1.896	0.464
Cardioembolism	1.092	0.836-1.427	0.518	1.174	0.726-1.899	0.513
Other determined	0.625	0.475-0.822	0.001	1.392	0.760-2.551	0.284
Undetermined	0.558	0.383-0.815	0.003	0.227	0.119-0.431	<0.001
Initial NIHSS	0.756	0.738-0.774	<0.001	0.657	0.623-0.693	<0.001
Early neurological deterioration	0.250	0.194-0.321	<0.001	0.151	0.102-0.224	<0.001
Endovascular treatment	0.490	0.371-0.646	<0.001	1.006	0.437-2.315	0.988
Thrombolysis	0.587	0.461-0.748	<0.001	3.439	1.594-7.421	0.002
Anterior circulation stroke	0.624	0.511-0.762	<0.001	0.619	0.426-0.900	0.012
Daytime onset	1.513	1.259-1.817	<0.001	1.145	0.831-1.577	0.408
Season onset						
Spring	1.000	Ref				
Summer	0.940	0.716-1.233	0.656			
Fall	0.956	0.729-1.254	0.744			
Winter	0.896	0.676-1.188	0.447			

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