

Supplementary Table 3. Multivariate model of early hospital arrival for the entire study population and for each hospital in patients arrived within 24 hours

	Total (n=1,631)		YUHS (n=810)		NCVC (n=821)	
	OR [95% CI]	<i>P</i>	OR [95% CI]	<i>P</i>	OR [95% CI]	<i>P</i>
Sex (male)	1.196 [0.962-1.485]	0.107	1.010 [0.736-1.388]	0.949	1.433 [1.054-1.948]	0.022
Age	0.997 [0.988-1.005]	0.431	1.002 [0.989-1.014]	0.814	0.996 [0.984-1.008]	0.488
Hypercholesterolemia	-		0.785 [0.543-1.135]	0.198	-	
Atrial fibrillation	1.430 [1.089-1.878]	0.010	1.588 [1.082-2.331]	0.018	1.202 [0.858-1.684]	0.286
Previous anticoagulant	0.838 [0.587-1.196]	0.330	-		-	
Total NIHSS score	1.031 [1.016-1.046]	<0.001	1.072 [1.043-1.101]	<0.001	1.016 [0.998-1.034]	0.084
Onset during daytime	3.235 [2.486-4.210]	<0.001	2.899 [1.950-4.309]	<0.001	3.673 [2.556-5.279]	<0.001
EMS	1.956 [1.532-2.497]	<0.001	2.031 [1.430-2.886]	<0.001	2.845 [1.517-5.336]	0.001
Transfer from another hospital	0.845 [0.571-1.249]	0.398	0.600 [0.332-1.084]	0.091	1.259 [0.590-2.689]	0.551

YUHS, Yonsei University Health System; NCVC, National Cerebral and Cardiovascular Center; OR, odds ratio; NIHSS, National Institutes of Health Stroke Scale; EMS, emergency medical service.