

**Supplementary Table 4.** Univariate and multivariate analyses regarding the predictors of outcome (mRS score) at 90 days after acute ischemic stroke

Variable	Univariate			Multivariate		
	Total	Greater than 80 years	Total	Total	Greater than 80 years	Total
	OR (95% CI)	OR (95% CI)	P value	OR (95% CI)	P value	OR (95% CI)
Women	1.60 (1.37–1.88)	1.73 (1.19–2.51)	0.004	1.06 (0.83–1.35)	0.648	1.39 (0.84–2.29)
Living alone	1.76 (1.45–2.13)	1.26 (0.83–1.91)	0.281	1.32 (1.03–1.69)	0.026	0.90 (0.54–1.51)
Age	1.06 (1.05–1.07)	1.12 (1.05–1.19)	0.000	1.06 (1.05–1.07)	0.000	1.14 (1.06–1.22)
Onset to hospital (min)	1.00 (1.00–1.00)	1.00 (1.00–1.00)	0.634			
Arrival at the hospital 4.5 hr after onset	1.16 (0.99–1.37)	1.13 (0.76–1.67)	0.072	1.45 (1.16–1.81)	0.001	1.72 (1.05–2.82)
Use of intravenous tissue plasminogen activator	1.11 (0.91–1.35)	0.99 (0.60–1.63)	0.301			
Door-to-needle time (min)	1.00 (1.00–1.01)	1.01 (0.97–1.05)	0.311			
Intraarterial thrombectomy	1.96 (1.50–2.57)	2.40 (1.09–5.28)	0.000	0.41 (0.28–0.61)	0.000	0.93 (0.36–2.43)
Door-to-puncture time (min)	1.00 (0.99–1.00)	1.01 (0.99–1.04)	0.287			
Risk factor						
Diabetic mellitus	1.15 (0.98–1.36)	0.84 (0.56–1.25)	0.094	1.41 (1.15–1.74)	0.001	1.01 (0.61–1.67)
Smoking						
Current smoking	0.57 (0.48–0.69)	0.66 (0.35–1.24)	0.000	1.06 (0.81–1.39)	0.671	1.06 (0.49–2.31)
Previous history of smoking	0.89 (0.71–1.10)	0.79 (0.46–1.33)	0.278	1.20 (0.89–1.61)	0.243	1.02 (0.51–2.03)
Previous history of statin use	0.79 (0.64–0.97)	0.79 (0.48–1.28)	0.022	0.70 (0.54–0.91)	0.008	0.68 (0.37–1.26)
Previous history of coronary artery disease	1.51 (1.21–1.88)	1.47 (0.89–2.44)	0.000	1.21 (0.91–1.61)	0.180	2.05 (1.08–3.87)
Previous history of cerebrovascular disease	1.50 (1.24–1.82)	1.18 (0.74–1.87)	0.000	1.61 (1.27–2.04)	0.000	1.54 (0.88–2.68)
Previous history of atrial fibrillation	2.30 (1.92–2.75)	1.72 (1.16–2.55)	0.000	1.74 (1.12–2.69)	0.014	1.09 (0.47–2.53)
NIHSS score at admission	1.22 (1.20–1.24)	1.25 (1.19–1.31)	0.000	1.27 (1.24–1.30)	0.000	1.27 (1.20–1.35)
Stroke subtype (ref=small-vessel occlusion)						
Large artery atherosclerosis	1.99 (1.57–2.53)	2.58 (1.44–4.63)	0.000	1.41 (1.08–1.86)	0.013	2.27 (1.18–4.36)
Cardioembolism	3.43 (2.66–4.42)	3.36 (1.91–5.92)	0.000	0.57 (0.34–0.94)	0.029	0.94 (0.35–2.51)
Stroke of other determined etiologies	0.66 (0.34–1.28)		0.220	1.23 (0.56–2.69)	0.611	
Stroke of undetermined etiology	1.71 (1.31–2.23)	2.37 (1.27–4.41)	0.000	0.81 (0.59–1.12)	0.207	1.34 (0.65–2.77)

mRS, modified Rankin Scale; OR, odds ratio; CI, confidence interval; NIHSS, National Institutes of Health Stroke Scale.