

**Supplementary Table 1.** Risk of unfavorable outcome associated with potential risk factors in large artery atherosclerosis subgroup: multivariate analysis

Risk factors	Odds ratio (95% CI)		
	Early neurologic deterioration	1-month mRS $\geq 3$	3-month mRS $\geq 3$
Cheyne-Stokes respiration	1.17 (0.33 to 4.14)	3.68 (1.88 to 15.38)	2.99 (0.72 to 12.43)
Obstructive apnea index	1.04 (0.99 to 1.10)	1.11 (1.02 to 1.21)*	1.10 (1.03 to 1.18)*
NIHSS on admission		1.18 (1.02 to 1.86)*	1.20 (1.04 to 1.39)*
Smoking		1.80 (0.50 to 6.46)	2.44 (0.69 to 8.58)
Age		1.05 (0.99 to 1.11)	1.03 (0.98 to 1.09)

\*statistically significant ( $p < 0.05$ ). CI: confidence interval, mRS: modified Rankin Scale, NIHSS: National Institutes of Health Stroke Scale