Table S1. Multicollinearity analysis of candidate variables for multiple logistic regression*

Variable	Collinearity Statistics	
	Tolerance	Variance inflation factor (VIF)
NIHSS score	0.738	1.355
Lower facial weakness	0.804	1.244
Lateral middle cerebral artery cortex (M5) lesion†	0.801	1.248
Lentiform nucleus lesion†	0.799	1.251
Anterior cerebral artery circulation lesion†	0.905	1.105
Cerebellar lesion†	0.844	1.185
Lesion side	0.904	1.106
Dilated cardiomyopathy	0.877	1.140

* Multiple logistic regression analysis was performed to identify the factors associated with the upper facial weakness in patients with central facial palsy due to acute ischemic stroke. Collinearity was assessed using tolerance and variance inflation factor (VIF) statistics. NIHSS denotes National Institutes of Health Stroke Scale.

† Lesion location was determined by the Alberta Stroke Program Early Computed Tomography Score (ASPECTS) system encompassing the anterior cerebral artery circulation and the posterior circulation Acute Stroke Prognosis Early CT score (pc-ASPECTS) system.