

Supplementary Table 1. Standardized difference of baseline characteristics according to general anesthesia or non-general anesthesia before and after PSM and IPTW

	Overall cohort	PSM cohort	IPTW cohort
Age	10.5	-2.2	-0.5
Sex	7.5	-4.4	-0.2
Baseline pc-ASPECTS	-11.2	-7.1	0.5
ASITN/SIR grade	1.3	-2.7	0.7
Systolic blood pressure on admission	-12.5	8.7	0.3
Diastolic blood pressure on admission	-9.0	6.1	0.1
Baseline NIHSS score	-13.1	3.5	-0.3
Baseline GCS score	18.9	2.9	-1.0
Medical history			
Atrial fibrillation	-4.6	-2.2	0.3
Hypertension	6.3	1.1	-0.9
Hyperlipidaemia	-4.8	-1.5	0.3
Diabetes mellitus	6.6	0.7	-1.0
Ischemic stroke or TIA	-14.2	4.2	-0.2
Coronary heart disease	-11.1	0.5	-0.1
Stroke causative mechanism	-0.7	-4.2	0.1
Occlusion sites	-3.6	1.4	-0.3
Treatment profiles			
Intravenous thrombolysis	-5.1	-4.2	-1.1
Stroke onset to puncture	1.5	-1.9	0.1
Stroke onset to reperfusion	-3.3	-1.7	0.1

PSM, propensity score matching; IPTW, inverse probability of treatment weighting; pc-ASPECTS, posterior circulation Acute Stroke Prognosis Early Computed Tomography Score; ASITN/SIR, the American Society of Interventional and Therapeutic Neuroradiology/Society of Interventional Radiology collateral score; NIHSS, National Institutes of Health Stroke Scale; GCS, Glasgow Coma Scale; TIA, transient ischemic attack.