

Supplemental table 1. Number and percentage of outcomes and missing value at every period.

Stage	Eligible patients	Outcomes, n (%)			Missing value, n (%)		
		All-cause Death	Stroke recurrence	Disability*	All-cause Death	Stroke recurrence	Disability*
In-hospital	24941	343 (1.4)	820(3.3)	6371(25.5)	0(0)	0(0)	0(0)
Discharge	24598	999(4.1)	492 (2.0)	4777(19.4)	1529(6.2)	2221(9.0)	1680(6.8)
~3 month							
3~6 month	23599	332 (1.4)	260 (1.1)	3841 (16.3)	1677(7.1)	1907(8.1)	1772(7.5)
6~12 month	23267	585 (2.5)	223 (1.0)	3478 (15.0)	2958(12.7)	3377(14.5)	2967(12.8)

* Disability is defined as mRS>2

Supplemental table 2. Baseline characteristic by status of outcomes at 12-month visit.

Variables	Non-missing outcomes (N=21564)	Missing outcomes (N=3377)	Standardized difference (%)*
Age, Mean±SD	64.2±12.1	64.7±12.6	-4.0
Man	13496 (62.6)	2116 (62.7)	-0.2
Education			
Elementary or below	9783 (45.4)	1663 (49.2)	-7.6
Middle school	5001 (23.2)	828 (24.5)	-3.1
High school or above	6780 (31.4)	886 (26.2)	11.5
Family monthly income per capita			
≤1000	4553 (21.1)	806 (23.9)	-6.7
>1000	10822 (50.2)	1622 (48.0)	4.4
Unknown	6189 (28.7)	949 (28.1)	1.3
NIHSS, Categories			
0-4	10633 (49.3)	1542 (45.7)	7.2
5-14	9194 (42.6)	1527 (45.2)	-5.2
≥15	1737 (8.1)	308 (9.1)	-3.6
Cerebrovascular disease			
Ischemic Stroke	16755 (77.7)	2586 (76.6)	2.6
Transient Ischemic Attack	1867 (8.7)	288 (8.5)	0.7
Intracerebral Hemorrhage	2588 (12.0)	454 (13.4)	-4.2
Subarachnoid Hemorrhage	262 (1.2)	35 (1.0)	1.9
Unspecified	92 (0.4)	14 (0.4)	0.0
Smoking	9286 (43.1)	1434 (42.5)	1.2
Drinking	6397 (29.7)	926 (27.4)	5.1
Previous stroke/TIA	7377 (34.2)	1128 (33.4)	1.7
Heart Failure/MI	838 (3.9)	134 (4.0)	-0.5
Hypertension	16481 (76.4)	2558 (75.7)	1.6
Diabetes mellitus	5215 (24.2)	758 (22.4)	4.3
Dyslipidemia	7106 (33.0)	1061 (31.4)	3.4

Variables	Non-missing outcomes (N=21564)	Missing outcomes (N=3377)	Standardized difference (%)*
Atrial fibrillation (AF)	1702 (7.9)	252 (7.5)	1.5
Peripheral artery disease	982 (4.6)	164 (4.9)	-1.4
mRS			
0-2	19475 (90.3)	3017 (89.3)	3.3
3-5	2089 (9.7)	360 (10.7)	-3.3
Antiplatelets	15252 (70.7)	2509 (74.3)	-8.1
Anticoagulants among AF	180/1702(10.6)	24/252 (9.5)	3.7
Tertiary hospital	14760 (68.4)	2437 (72.2)	-8.3

SD: standard deviation; NIHSS: National Institutes of Health Stroke Scale; TIA: transient ischemic attack; MI: myocardial infarction; mRS: modified Rankin Scale.

* Standardized difference more than 10% is equivalent to $P < 0.05$, but there will be lower false positive rate than using P value to measure the difference between groups when the sample size is large.