

**Supplemental Material 1.** Baseline characteristics of Acute Ischemic Stroke patients according to the annual volume of endovascular thrombectomy (N = 7,954)

Variables	EVT = 0 <sup>1</sup> (N = 563)	EVT 1~14 <sup>2</sup> (N=3260)	EVT>=15 <sup>3</sup> (N=4131)	Total (N=7954)
<b>Age group</b>				
18-59	64 (11.4)	620 (19.0)	771 (18.7)	1455 (18.3)
60-69	87 (15.5)	563 (17.3)	811 (19.6)	1461 (18.4)
70-79	158 (28.1)	1056 (32.4)	1389 (33.6)	2603 (32.7)
> 80	254 (45.1)	1021 (30.8)	1160 (28.1)	2435 (30.6)
<b>Sex</b>				
Male	250 (44.4)	1730 (53.1)	2140 (51.8)	4120 (51.8)
Female	313 (55.6)	1530 (46.9)	1991 (48.2)	3834 (48.2)
<b>Hospital arrival time (hours)</b>				
0 - 4.5	328 (58.3)	1811 (55.6)	2304 (55.8)	4443 (55.9)
4.5 - 6	43 (7.6)	224 (6.9)	322 (7.8)	589 (7.4)
6 - 24	192 (34.1)	1225 (37.6)	1505 (36.4)	2922 (36.7)
<b>NIHSS</b>				
6~15 (Moderate)	346 (61.5)	2232 (68.5)	2862 (69.3)	5440 (68.4)
16~20 (Moderate to Severe)	113 (20.1)	513 (15.7)	762 (18.4)	1388 (17.5)
21~42 (Severe)	104 (18.5)	515 (15.8)	507 (12.3)	1126 (14.2)

CCI					
0	453 (80.5)	2721 (83.5)	3375 (81.7)	6549 (82.3)	
1	71 (12.6)	312 (9.6)	471 (11.4)	854 (10.7)	
2	26 (4.6)	145 (4.4)	184 (4.5)	355 (4.5)	
≥ 3	13 (2.3)	82 (2.5)	101 (2.4)	196 (2.5)	
Treatment					
No treatment	430 (76.4)	2024 (62.1)	2204 (53.4)	4658 (58.6)	
IVT	67 (11.9)	589 (18.1)	659 (16.0)	1315 (16.5)	
EVT	-	151 (4.6)	465 (11.3)	616 (7.7)	
IVT & EVT	-	157 (4.8)	391 (9.5)	548 (6.9)	
Case fatality rate					
30-day	92 (16.3)	475 (14.6)	496 (12.0)	1063 (13.4)	
1-year	211 (37.5)	1021 (31.3)	1130 (27.4)	2362 (29.7)	

Values represent number of patients (%).

NIHSS, National Institute of Health Stroke Scale; CCI, Charlson Comorbidity Index; IVT, intravenous thrombolysis; EVT, endovascular thrombectomy;

<sup>1</sup>EVT = 0 were hospitals that did not conduct EVT during the data-collection periods.

<sup>2</sup>EVT 1~14 were hospitals that performed EVT less than 15 times per year.

<sup>3</sup>EVT ≥ 15 were hospitals that conducted EVT more than 15 times per year.