

SUPPLEMENTAL MATERIAL

GRP Per Capita and Hospital Characteristics Associated with Intravenous Tissue Plasminogen Activator Adherence Rate: Evidence from the Chinese Stroke Center Alliance

Supplementary information

Online supplemental table 1. VIF table for multivariable regression variables

Online supplemental table 2. Patient Socioeconomic Status and Insurance Scheme by IV-rt PA quartile

Online supplemental table 1. VIF table for multivariable regression variables

VIF table			
Parameter	GVIF	df	GVIF^{1/(2*Df)}
Per capita GRP (¥ 10,000)	1.05	1	1.02
Stroke center type: (PSC as reference group)	1.15	1	1.07
Neurologists number	1.15	1	1.07
Providing emergency service for neurological treatment (no [0] as reference group)	1.01	1	1.00
Presence of ED (no [0] as reference group)	1.01	1	1.01
Cooperating with emergency center (no [0] as reference group)	1.01	1	1.00
Year	1.05	4	1.01

GVIF: generalized variance inflation factors.

Df: the degrees of freedom associated with the term.

GVIF^{1/(2*Df)} is presented here to adjust for the dimension of the confidence ellipsoid.

Online supplemental table 2. Patient Socioeconomic Status and Insurance Scheme by IV-rt PA quartile

	TPA				P Value
	Quartile 1	Quartile 2	Quartile 3	Quartile 4	
	< 5.7%	5.7%-16.9%	16.9%-33.3%	> 33.3%	
Socioeconomic status					
Family Income, n (%)					
<= 1000	3510 (12.9)	2962 (6.4)	2846 (6.7)	2508 (6.0)	< 0.001
1001-5000	9942 (36.5)	16558 (35.9)	14050 (33.0)	16613 (39.5)	
>= 5000	656 (2.4)	1487 (3.2)	2897 (6.8)	2305 (5.5)	
missing	13153 (48.2)	25071 (54.4)	22773 (53.5)	20672 (49.1)	
Education Level					
Below Elementary	8822 (32.4)	11768 (25.5)	11976 (28.1)	13083 (31.1)	< 0.001
High School	7795 (28.6)	13284 (28.8)	12979 (30.5)	13859 (32.9)	
College	685 (2.5)	1430 (3.1)	1461 (3.4)	1570 (3.7)	
Unclear	9959 (36.5)	19596 (42.5)	16150 (37.9)	13586 (32.3)	
Insurance Scheme, n (%)					
UEBMI	6579	13706	13607	14762	< 0.001

	(24.1)	(29.7)	(32.0)	(35.1)
URBMI	4662	8184	8009	8463
	(17.1)	(17.8)	(18.8)	(20.1)
NRCMS	13851	19288	15901	13474
	(50.8)	(41.9)	(37.4)	(32.0)
Self-payment	1042	2596	3368	3873
	(3.8)	(5.6)	(7.9)	(9.2)
Other	1127	2304	1681	1526
	(4.1)	(5.0)	(3.9)	(3.6)

UEBMI indicates urban employee basic medical insurance; URBMI, urban resident basic medical insurance; NRCMS, new rural cooperative medical scheme;