SUPPLEMENTAL MATERIAL

Table S1. Baseline Characteristics of Included and Excluded Patients

	Excluded patients n=5728	Included patients n=9438	P
Age, year	62(54-70)	63(54-70)	0.26
Male	3913(68.31)	6451(68.35)	0.96
Body mass index, kg/m^2	24.49(22.66-26.44)	24.49(22.58-26.57)	0.68
Current smoking	1798(31.39)	2954(31.30)	0.91
Heavy drinking	780(13.62)	1346(14.26)	0.26
Medical history			
Stroke	1206(21.05)	2149(22.77)	0.01
Hypertension	3539(61.78)	5955(63.10)	0.11
Diabetes mellitus	1248(21.79)	2262(23.97)	0.002
Dyslipidemia	377(6.58)	814(8.62)	<0.001
Coronary artery disease	581(10.14)	1027(10.88)	0.15
Atrial fibrillation	325(5.67)	694(7.35)	<0.001
NIHSS at admission			<0.001
≤3	3260(56.91)	5000(52.98)	
3 to 10	2083(36.37)	3702(39.22)	
>10	385(6.72)	736(7.80)	
Pre stroke mRS score 2-5	530(9.25)	814(8.62)	0.18
Index event			0.03
TIA	353(6.16)	667(7.07)	
Ischemic stroke	5375(93.84)	8771(92.93)	
Rt-PA treatment	337(5.88)	966(10.24)	<0.001
Baseline leukocyte count, 10^9/L	6.90(5.74-8.40)	6.90(5.71-8.41)	0.84
LDL, mmol/L	2.27(1.71-2.92)	2.32(1.73-2.98)	0.09
Medication during hospitalization			
Antiplatelet	5508(97.30)	9105(96.94)	0.21
Anticoagulants	584(10.32)	962(10.24)	0.89
Antihypertensive	2571(45.42)	4429(47.16)	0.04
Antidiabetic	1362(24.06)	2430(25.87)	0.01
Statin	5378(99.87)	9099(99.76)	0.15
HsCRP, mg/L	1.79(0.80-4.83)	1.77(0.82-4.71)	0.97

Variables are presented as median (interquartile range) or number (%).

NIHSS indicates National Institutes of Health Stroke Scale; mRS, modified Rankin

Scale; TIA, transient ischemic attack; rt-PA, recombinant tissue plasminogen activator;

LDL, Low-density lipoprotein cholesterol; hsCRP high-sensitivity C-reactive protein.

Table S2. Association Between hsCRP Measured in Different Stage and Recurrent

Stroke Within 1 Year in Subdistribution Hazard Model

	HsCRP. mg/L	sHR (95% CI) *	P	sHR (95% CI) †	P
	Q1	Reference	-	Reference	-
	Q2	1.10(0.71-1.69)	0.67	1.08(0.70-1.65)	0.73
	Q3	1.03(0.67-1.59)	0.90	1.00(0.65-1.55)	0.99
<24 hours	Q4	1.56(1.04-2.34)	0.03	1.50(1.00-2.25)	0.05
	<1	Reference	-	Reference	-
	1 to 3	1.11(0.75-1.62)	0.61	1.07(0.73-1.57)	0.72
	>3	1.43(1.01-2.05)	0.047	1.38(0.97-1.96)	0.08
	Q1	Reference	-	Reference	-
	Q2	0.94(0.68-1.32)	0.73	0.92(0.66-1.29)	0.64
24–72	Q3	1.33(0.98-1.81)	0.07	1.29(0.95-1.76)	0.10
hours	Q4	1.59(1.17-2.15)	0.003	1.52(1.12-2.07)	0.01
	<1	Reference	-	Reference	-
	1 to 3	1.24(0.94-1.64)	0.14	1.21(0.92-1.61)	0.17
	>3	1.52(1.17-1.99)	0.002	1.47(1.12-1.92)	0.005
	Q1	Reference	-	Reference	-
	Q2	0.97(0.71-1.33)	0.84	0.96(0.70-1.31)	0.79
72 hours–8	Q3	1.05(0.77-1.43)	0.78	1.02(0.74-1.39)	0.92
days	Q4	1.06(0.77-1.46)	0.72	1.01(0.73-1.39)	0.96
	<1	Reference	-	Reference	-
	1 to 3	0.93(0.7-1.22)	0.59	0.91(0.69-1.20)	0.50
	>3	0.99(0.75-1.3)	0.93	0.95(0.72-1.25)	0.71
	Q1	Reference	-	Reference	-
	Q2	1.01(0.83-1.23)	0.94	0.99(0.81-1.21)	0.92
	Q3	1.18(0.97-1.43)	0.10	1.14(0.94-1.39)	0.18
Total	Q4	1.43(1.18-1.73)	<0.001	1.36(1.12-1.64)	0.002
	<1	Reference	-	Reference	-
	1 to 3	1.10(0.92-1.30)	0.30	1.07(0.90-1.28)	0.43
	>3	1.32(1.12-1.56)	<0.001	1.27(1.08-1.49)	0.005

*Adjusted for age, sex, body mass index, current smoking, index event, medical

histories of atrial fibrillation, coronary heart disease, stroke, diabetes, hypertension and

hypercholesterolemia, baseline National Institutes of Health stroke scale score and

baseline leukocyte count, rt-PA treatment, pre-mRS score.

†Adjusted for age, sex, body mass index, current smoking, index event, medical

histories of atrial fibrillation, coronary heart disease, stroke, diabetes, hypertension and hypercholesterolemia, baseline National Institutes of Health stroke scale score and baseline leukocyte count, rt-PA treatment, pre-mRS score and TOAST classification.

Abbreviation: sHR, subdistribution hazard ratio; CI, confidence intervals; rt-PA indicates recombinant tissue plasminogen activator; mRS, modified Rankin Scale.

Table S3. Association Between hsCRP Measured in Different Stage and Combined

Vascular Events Within 1 Year in Subdistribution Hazard Model

	HsCRP. mg/L	sHR (95% CI) *	P	sHR (95% CI) †	P
<24 hours	Q1	Reference	-	Reference	-
	Q2	1.11(0.73-1.70)	0.62	1.10(0.72-1.67)	0.67
	Q3	1.13(0.75-1.72)	0.56	1.11(0.73-1.69)	0.62
	Q4	1.51(1.01-2.26)	0.04	1.47(0.98-2.18)	0.06
	<1	Reference	-	Reference	-
	1 to 3	1.18(0.81-1.71)	0.39	1.15(0.79-1.67)	0.47
	>3	1.44(1.01-2.04)	0.04	1.39(0.98-1.98)	0.06
24–72 hours	Q1	Reference	-	Reference	-
	Q2	0.96(0.69-1.33)	0.79	0.93(0.67-1.29)	0.67
	Q3	1.45(1.07-1.96)	0.02	1.41(1.04-1.90)	0.03
	Q4	1.73(1.28-2.33)	<0.001	1.65(1.23-2.23)	0.001
	<1	Reference	-	Reference	-
	1 to 3	1.32(1.01-1.74)	0.05	1.30(0.99-1.71)	0.06
	>3	1.66(1.27-2.15)	<0.001	1.59(1.22-2.07)	<0.001
72 hours–8 days	Q1	Reference	-	Reference	-
	Q2	0.95(0.70-1.29)	0.73	0.94(0.69-1.28)	0.69
	Q3	1.00(0.74-1.36)	0.99	0.98(0.72-1.33)	0.88
	Q4	1.06(0.77-1.44)	0.73	1.01(0.74-1.38)	0.94
	<1	Reference	-	Reference	-
	1 to 3	0.91(0.69-1.19)	0.49	0.89(0.68-1.17)	0.42
	>3	1.00(0.76-1.30)	0.99	0.96(0.74-1.26)	0.78
Total	Q1	Reference	-	Reference	-
	Q2	1.01(0.83-1.23)	0.95	0.99(0.81-1.20)	0.91
	Q3	1.22(1.01-1.48)	0.04	1.19(0.99-1.44)	0.07
	Q4	1.46(1.21-1.76)	<0.001	1.39(1.16-1.68)	<0.001
	<1	Reference	-	Reference	-
	1 to 3	1.13(0.96-1.34)	0.15	1.11(0.94-1.32)	0.23
	>3	1.37(1.17-1.61)	<0.001	1.32(1.12-1.55)	<0.001

*Adjusted for age, sex, body mass index, current smoking, index event, medical histories of atrial fibrillation, coronary heart disease, stroke, diabetes, hypertension and hypercholesterolemia, baseline National Institutes of Health stroke scale score and baseline leukocyte count, rt-PA treatment, pre-mRS score.

†Adjusted for age, sex, body mass index, current smoking, index event, medical

histories of atrial fibrillation, coronary heart disease, stroke, diabetes, hypertension and hypercholesterolemia, baseline National Institutes of Health stroke scale score and baseline leukocyte count, rt-PA treatment, pre-mRS score and TOAST classification. Abbreviation: sHR, subdistribution hazard ratio; CI, confidence intervals; rt-PA indicates recombinant tissue plasminogen activator; mRS, modified Rankin Scale.