

SUPPLEMENTAL MATERIAL

Supplemental Table 4. Multivariable COX Proportional Hazard Regression for Survival – Full Table (N=12,337) *†		
Variable	Survival since 90 days after Discharge up to 12 months	
	HR (95% CI)	PH assumption test
<i>Systolic Blood Pressure Groupings (mmHg)</i>		
≤ 105	2.07 (1.43, 3.00)	.58
106 to ≤ 115	1.14 (0.83, 1.57)	.11
116 to ≤ 130	0.91 (0.71, 1.17)	<.001
131 to ≤ 140	0.82 (0.63, 1.07)	.11
> 140	Ref	
<i>Sociodemographic</i>		
Age	1.06 (1.05, 1.07)	.16
Sex		
Female	Ref	
Male	0.99 (0.58, 1.68)	.68
Race		
White	Ref	
Black	0.97 (0.76, 1.23)	.32
Asian	0.73 (0.18, 2.92)	.68
Other	0.89 (0.22, 3.56)	.63
Unknown	1.22 (0.78, 1.92)	.47
Hispanic		
No	Ref	
Yes	0.77 (0.54, 1.10)	<.001
<i>Index Cerebrovascular Event – Final Diagnosis</i>		
Stroke	Ref	
TIA	0.61 (0.49, 0.75)	.32
<i>Healthcare Utilization</i>		
Number of Admissions in 1-Year prior to Presentation	1.20 (1.07, 1.35)	.63
Length of Stay		
Number of ED Presentations in 1-Year prior to Presentation	0.94 (0.89,1.00)	.95
<i>Past Medical History‡</i>		
Hyperlipidemia		
No	Ref	
Yes	0.68 (0.56, 0.83)	.32
Atrial Fibrillation		
No	Ref	
Yes	1.27 (1.02, 1.59)	.79
OSA		
No	Ref	
Yes	0.66 (0.48, 0.91)	.16

Dementia		
No	Ref	
Yes	1.80 (1.41, 2.29)	.21
CCI	1.11 (1.06, 1.16)	.74
APACHE	1.02 (1.00, 1.03)	.37
<i>Concomitant illness within 1-day of Cerebrovascular Event Presentation</i>		
No	Ref	
Yes	1.76 (1.12, 2.76)	.74
<p>* Abbreviations: Hazard Ratio (HR); Confidence Interval (CI); Proportional hazards (PH); Referent (Ref); Transient Ischemic Attack (TIA); Emergency Department (ED); obstructive sleep apnea (OSA); Charlson Comorbidity Index (CCI); Acute Physiology and Chronic Health Evaluation (APACHE).</p> <p>† PH assumption test = proportional hazard assumption test. A p-value $\geq .05$ indicates that the hazard ratio is constant over time. A p-value $< .05$ indicates violation of the proportional hazard assumption for the model.</p> <p>‡ Past Medical History variables identified by <i>International Classification of Diseases, 9th Edition</i> code.</p>		