

Supplement 2. Impact Factors among Variables Associated with Mortality in Acute Ischemic Stroke Patients ^a

	In-hospital Mortality	30-day Mortality	6-month Mortality	One-year Mortality
	Impact Factor			
Age ^b	0.11	0.12	0.30	0.11
Hematocrit (%)				
≤ 27	0.064	0.039	0.051	0.46
28-32	0.020	0.014	0.070	0.063
33-37	0.032	-0.027	0.036	0.024
38-42	Ref	Ref	Ref	Ref
43-47	0.042	-0.021	-0.018	-0.02
≥48	0.078	0.025	-0.023	-0.016
Platelet Count				
<100	0.043	0.055	0.045	0.039
≥100	Ref	Ref	Ref	Ref
Charlson Index	-0.043	0.032	0.064	0.080

NIHSS	0.39	0.28	0.27	0.23
Modified APACHE-III	0.097	0.067	0.056	0.064
Paroxysmal Atrial Fibrillation	0.045	0.024	0.032	0.036
Cancer	0.060	0.048	0.055	0.060
Heart Disease	0.011	0.031	0.024	0.018
COPD	-0.044	0.017	-0.026	-0.019
History of kidney disease requiring dialysis	-0.045	-0.026	-0.025	-0.024
Hypoxia				
<90%	0.042	0.015	0.008	0.022
≥90%	Ref	Ref	Ref	Ref
Pneumonia	0.036	0.050	0.077	0.068

^a Abbreviations: Ref indicates referent group; Charlson, Charlson Index; APACHE-III, Acute Physiology and Chronic Health Evaluation-III; NIHSS, National Institutes of Health Stroke Scale; COPD, chronic obstructive pulmonary disease.

^b Age, in ten year increments.