

Supplemental Table 1. Mortality model covariates

Predictor	Odds ratio	Standard	t value	Probability > t	95% confidence interval	
Patient						
Age	1.02	0.00	7.46	<0.001	1.02	1.03
African-American race	1.35	0.18	2.27	0.023	1.04	1.76
State of home address in Pennsylvania	1.03	0.01	2.64	0.008	1.01	1.05
Year of service	0.92	0.02	-3.27	0.001	0.88	0.97
Uninsured status	2.59	0.71	3.48	0.001	1.52	4.44
Emergency admission	0.74	0.10	-2.26	0.024	0.58	0.96
Urgent admission	0.62	0.09	-3.29	0.001	0.47	0.83
Hospital						
Specialty acute care hospital	5.32	2.46	3.61	<0.001	2.15	13.18
Number of hospital beds	1.00	0.00	6.76	<0.001	1.00	1.00
Pennsylvania hospital region	1.18	0.02	9.39	<0.001	1.14	1.22
Transferred in from other hospital	1.27	0.13	2.26	0.024	1.03	1.55
Transferred in from other facility	1.50	0.20	3.05	0.002	1.16	1.95
Indicator for early admission lab test available						
Bicarbonate	1.60	0.29	2.54	0.011	1.11	2.29
Blood urea nitrogen	0.71	0.11	-2.23	0.026	0.53	0.96
O ₂ saturation	2.91	1.03	3.02	0.003	1.45	5.81
pO ₂	0.25	0.06	-5.97	<0.001	0.16	0.40
Sodium	0.29	0.11	-3.2	0.001	0.13	0.62
Hemoglobin	3.78	1.58	3.17	0.002	1.66	8.58
Neutrophils band	1.56	0.20	3.55	<0.001	1.22	1.99
Troponin T	1.04	0.02	1.91	0.056	1.00	1.07
Maximum value of early admission lab test						
Neutrophils band	0.99	0.01	-2.6	0.009	0.97	1.00
pH	0.12	0.06	-3.97	<0.001	0.04	0.34
Potassium	1.13	0.05	2.53	0.011	1.03	1.24
International normalized ratio	1.26	0.05	6.15	<0.001	1.17	1.35
White blood cell count	0.98	0.01	-2.87	0.004	0.97	1.00
Blood urea nitrogen	1.00	0.00	1.81	0.07	1.00	1.01
Hemoglobin	0.92	0.02	-4.17	<0.001	0.88	0.96
Minimum value of early admission lab test						
O ₂ saturation	0.99	0.00	-3.73	<0.001	0.98	0.99
Glucose	1.00	0.00	2.46	0.014	1.00	1.00
pO ₂	1.00	0.00	4.46	<0.001	1.00	1.00