

Supplemental Table 1: Multivariable Model for Mortality Prediction

<i>Predictors</i>	<i>Log-Odds</i>	<i>CI</i>
(Intercept)	10.02	4.80 – 15.24
Insurance: Commercial	-1.61	-2.72 – -0.50
Insurance: Medicaid	-1.59	-2.70 – -0.48
Insurance: Medicare	-0.98	-2.23 – 0.27
Insurance: Other Payor	-1.70	-2.85 – -0.54
Insurance: Self Pay	-0.63	-1.98 – 0.71
Insurance: Unknown	-12.71	-442.01 – 416.59
Admission Priority: Emergency	1.12	0.86 – 1.37
Admission Priority: Not Available	0.59	0.04 – 1.14
Admission Priority: Newborn	0.79	-0.47 – 2.06
Admission Priority: Trauma	2.31	1.67 – 2.95
Admission Priority: Urgent	1.38	1.11 – 1.66
Race: American Indian	-1.68	-3.23 – -0.13
Race: Asian	0.08	-0.48 – 0.64
Race: Black	-0.42	-0.83 – -0.00
Race: Other	0.19	-0.19 – 0.56
Race: Pacific Islander	0.00	-0.79 – 0.80
Race: White	-0.33	-0.69 – 0.04
Ethnicity: Not Hispanic or Latino	0.10	-0.21 – 0.40
Ethnicity: Unknown	0.82	0.40 – 1.23
Sex: Male	-0.08	-0.24 – 0.08
Sex: Unknown	2.16	0.32 – 4.01
ECMO	1.46	1.15 – 1.78

Mechanical Ventilation	1.67	1.42 – 1.92
Complex Condition: Cardiovascular	0.09	-0.09 – 0.27
Complex Condition: Gastrointestinal	-0.32	-0.55 – -0.08
Complex Condition: Hematologic / Immunologic	0.90	0.65 – 1.15
Complex Condition: Malignancy	1.05	0.80 – 1.30
Complex Condition: Metabolic	0.44	0.23 – 0.66
Complex Condition: Neurologic	1.14	0.95 – 1.32
Complex Condition: Congenital Defect	0.46	0.25 – 0.66
Complex Condition: Renal / Urologic	0.30	0.06 – 0.54
Complex Condition: Respiratory	0.07	-0.16 – 0.31
Complex Condition: Prematurity	0.72	0.43 – 1.00
Technology Dependent	-0.32	-0.54 – -0.09
Transplant	0.41	0.12 – 0.70
Mental Health Disorder	1.16	0.04 – 2.28
Secondary Mental Health Disorder	-1.46	-2.60 – -0.33
Low Risk Diagnosis	0.67	0.13 – 1.20
High Risk Diagnosis	1.10	0.44 – 1.76
Very High Risk Diagnosis	2.26	1.65 – 2.88
Minimum PaO2	0.01	0.01 – 0.02
Maximum PaO2	-0.00	-0.00 – -0.00
Maximum PaCO2	0.01	0.01 – 0.02
Maximum Lactate	0.13	0.11 – 0.15
Maximum White Blood Cell Count	-0.00	-0.01 – -0.00
Minimum White Blood Cell Count	0.02	0.01 – 0.03
Maximum Platelet Count	-0.00	-0.00 – -0.00

Minimum Platelet Count	0.00	0.00 – 0.00
Maximum International Normalized Ratio	0.20	0.13 – 0.27
Minimum pH	-2.38	-3.07 – -1.69
Creatinine: PELOD Category 1	0.05	-0.22 – 0.32
Creatinine: PELOD Category 2	0.42	0.10 – 0.73
Epinephrine Use	0.74	0.54 – 0.94
Norepinephrine Use	0.78	0.57 – 0.98
Dobutamine Use	0.59	0.23 – 0.95
Dopamine Use	0.56	0.38 – 0.74
Vasopressin Use	1.44	1.22 – 1.67