## Model2

| Characteristic | OR1 | 95% CI1 | p-value |
| --- | --- | --- | --- |
| **Sex** |  |  |  |
| Male | — | — |  |
| Female | 0.77 | 0.68, 0.89 | **<0.001** |
| **RACEgroup** |  |  |  |
| NHWhite | — | — |  |
| Hispanic | 1.19 | 0.99, 1.44 | 0.070 |
| Black | 0.81 | 0.67, 0.98 | **0.027** |
| Other | 1.96 | 0.95, 4.05 | 0.068 |
| Asian\_PI | 1.02 | 0.74, 1.42 | 0.9 |
| UTD | 0.89 | 0.63, 1.25 | 0.5 |
| **Age Group** |  |  |  |
| >64 | — | — |  |
| <50 | 0.86 | 0.70, 1.06 | 0.2 |
| 50-64 | 1.13 | 0.95, 1.36 | 0.2 |
| **In-Hospital Death** |  |  |  |
| No | — | — |  |
| Yes | 0.73 | 0.59, 0.90 | **0.003** |
| **psource\_group** |  |  |  |
| Medicaid | — | — |  |
| Medicare | 1.00 | 0.81, 1.24 | >0.9 |
| Other | 1.19 | 1.01, 1.41 | **0.042** |
| Self pay | 1.22 | 0.94, 1.60 | 0.13 |
| Unknown | 1.12 | 0.78, 1.60 | 0.6 |
| **Region** |  |  |  |
| Northeast | — | — |  |
| Midwest | 1.14 | 0.49, 2.65 | 0.8 |
| South | 2.06 | 1.03, 4.11 | **0.041** |
| West | 6.76 | 2.72, 16.8 | **<0.001** |
| **BMI group** |  |  |  |
| Normal | — | — |  |
| Obese | 1.57 | 1.31, 1.90 | **<0.001** |
| Overweight | 1.17 | 0.96, 1.42 | 0.12 |
| Underweight | 0.75 | 0.48, 1.16 | 0.2 |
| **Intubation or Mechanical Ventilation** |  |  |  |
| No | — | — |  |
| Yes | 1.57 | 1.27, 1.94 | **<0.001** |
| **Managed in ICU** |  |  |  |
| No | — | — |  |
| Yes | 3.04 | 2.51, 3.67 | **<0.001** |
| **Atrial Fibrilation or Atrial Flutter** |  |  |  |
| No | — | — |  |
| Yes | 0.77 | 0.60, 1.00 | **0.046** |
| **Cancer** |  |  |  |
| No | — | — |  |
| Yes | 1.04 | 0.85, 1.27 | 0.7 |
| **Currently on Dialysis** |  |  |  |
| No | — | — |  |
| Yes | 0.71 | 0.47, 1.09 | 0.12 |
| **Diabetes Mellitus** |  |  |  |
| No | — | — |  |
| Yes | 0.99 | 0.85, 1.15 | 0.9 |
| **Dyslipidemia** |  |  |  |
| No | — | — |  |
| Yes | 1.08 | 0.92, 1.27 | 0.3 |
| **Hypertension** |  |  |  |
| No | — | — |  |
| Yes | 0.97 | 0.82, 1.16 | 0.8 |
| **Peripheral Artery Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.87 | 0.56, 1.36 | 0.6 |
| **Prior CABG** |  |  |  |
| No | — | — |  |
| Yes | 0.68 | 0.43, 1.09 | 0.11 |
| **Prior MI** |  |  |  |
| No | — | — |  |
| Yes | 1.14 | 0.82, 1.58 | 0.4 |
| **Prior PCI** |  |  |  |
| No | — | — |  |
| Yes | 1.20 | 0.85, 1.68 | 0.3 |
| **No Medical History** |  |  |  |
| No | — | — |  |
| Yes | 1.09 | 0.87, 1.37 | 0.5 |
| **Chronic Kidney Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.88 | 0.71, 1.11 | 0.3 |
| **Pulmonary Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.99 | 0.64, 1.55 | >0.9 |
| **COPD** |  |  |  |
| No | — | — |  |
| Yes | 1.01 | 0.67, 1.52 | >0.9 |
| **Interstitial Lung Disease (ILD)** |  |  |  |
| No | — | — |  |
| Yes | 1.99 | 0.86, 4.62 | 0.11 |
| **Asthma** |  |  |  |
| No | — | — |  |
| Yes | 1.15 | 0.76, 1.73 | 0.5 |
| **Other Pulmonary Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.86 | 0.52, 1.43 | 0.6 |
| **Organ Transplant** |  |  |  |
| No | — | — |  |
| Yes | 1.65 | 1.08, 2.52 | **0.020** |
| **Congenital heart disease** |  |  |  |
| No | — | — |  |
| Yes | 3.74 | 1.36, 10.2 | **0.010** |
| **Pulmonary Arterial Hypertension** |  |  |  |
| No | — | — |  |
| Yes | 1.38 | 0.62, 3.07 | 0.4 |
| **Cerebrovascular Disease, Stroke, or TIA** |  |  |  |
| No | — | — |  |
| Yes | 0.70 | 0.54, 0.91 | **0.009** |
| **DVT or Pulmonary Embolism** |  |  |  |
| No | — | — |  |
| Yes | 0.52 | 0.37, 0.75 | **<0.001** |
| **Smoking or Vaping** |  |  |  |
| No | — | — |  |
| Yes | 0.99 | 0.76, 1.30 | >0.9 |
| **Confusion or Altered Mental State** |  |  |  |
| No | — | — |  |
| Yes | 0.68 | 0.54, 0.87 | **0.002** |
| **Admission Date** | 1.21 | 1.15, 1.28 | **<0.001** |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |