## Model2

| Characteristic | OR1 | 95% CI1 | p-value |
| --- | --- | --- | --- |
| **Sex** |  |  |  |
| Male | — | — |  |
| Female | 0.78 | 0.68, 0.89 | **<0.001** |
| **RACEgroup** |  |  |  |
| NHWhite | — | — |  |
| Hispanic | 1.20 | 0.99, 1.46 | 0.068 |
| Black | 0.79 | 0.65, 0.96 | **0.017** |
| Other | 1.82 | 0.86, 3.86 | 0.12 |
| Asian\_PI | 1.07 | 0.76, 1.49 | 0.7 |
| UTD | 0.94 | 0.66, 1.34 | 0.7 |
| **age\_group** |  |  |  |
| >64 | — | — |  |
| <50 | 0.87 | 0.70, 1.09 | 0.2 |
| 50-64 | 1.12 | 0.93, 1.35 | 0.2 |
| **death** |  |  |  |
| No | — | — |  |
| Yes | 0.77 | 0.62, 0.96 | **0.017** |
| **psource\_group** |  |  |  |
| Medicaid | — | — |  |
| Medicare | 1.03 | 0.83, 1.28 | 0.8 |
| Other | 1.20 | 1.01, 1.43 | **0.038** |
| Self pay | 1.26 | 0.96, 1.66 | 0.095 |
| Unknown | 1.22 | 0.85, 1.77 | 0.3 |
| **Region** |  |  |  |
| Northeast | — | — |  |
| Midwest | 1.06 | 0.45, 2.51 | 0.9 |
| South | 2.06 | 1.02, 4.15 | **0.043** |
| West | 7.80 | 3.03, 20.1 | **<0.001** |
| **BMI** |  |  |  |
| Normal | — | — |  |
| Obese | 1.66 | 1.37, 2.02 | **<0.001** |
| Overweight | 1.23 | 1.00, 1.50 | **0.049** |
| Underweight | 0.61 | 0.33, 1.11 | 0.11 |
| **HOSPVENT** |  |  |  |
| No | — | — |  |
| Yes | 1.51 | 1.21, 1.88 | **<0.001** |
| **PATMANICU** |  |  |  |
| No | — | — |  |
| Yes | 3.09 | 2.55, 3.75 | **<0.001** |
| **Atrial Fibrilation or Atrial Flutter** |  |  |  |
| No | — | — |  |
| Yes | 0.75 | 0.58, 0.98 | **0.032** |
| **Cancer** |  |  |  |
| No | — | — |  |
| Yes | 1.08 | 0.88, 1.33 | 0.5 |
| **Currently on Dialysis** |  |  |  |
| No | — | — |  |
| Yes | 0.79 | 0.52, 1.22 | 0.3 |
| **Diabetes Mellitus** |  |  |  |
| No | — | — |  |
| Yes | 1.01 | 0.87, 1.19 | 0.9 |
| **Dyslipidemia** |  |  |  |
| No | — | — |  |
| Yes | 1.08 | 0.91, 1.26 | 0.4 |
| **Hypertension** |  |  |  |
| No | — | — |  |
| Yes | 0.96 | 0.80, 1.15 | 0.6 |
| **Peripheral Artery Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.87 | 0.55, 1.38 | 0.6 |
| **Prior CABG** |  |  |  |
| No | — | — |  |
| Yes | 0.69 | 0.43, 1.11 | 0.13 |
| **Prior MI** |  |  |  |
| No | — | — |  |
| Yes | 1.21 | 0.87, 1.69 | 0.3 |
| **Prior PCI** |  |  |  |
| No | — | — |  |
| Yes | 1.15 | 0.81, 1.64 | 0.4 |
| **No Medical History** |  |  |  |
| No | — | — |  |
| Yes | 1.14 | 0.90, 1.45 | 0.3 |
| **Chronic Kidney Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.89 | 0.71, 1.12 | 0.3 |
| **Pulmonary Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.99 | 0.63, 1.56 | >0.9 |
| **COPD** |  |  |  |
| No | — | — |  |
| Yes | 1.03 | 0.68, 1.57 | 0.9 |
| **Interstitial Lung Disease (ILD)** |  |  |  |
| No | — | — |  |
| Yes | 2.05 | 0.88, 4.78 | 0.10 |
| **Asthma** |  |  |  |
| No | — | — |  |
| Yes | 1.10 | 0.72, 1.68 | 0.6 |
| **Other Pulmonary Disease** |  |  |  |
| No | — | — |  |
| Yes | 0.86 | 0.52, 1.44 | 0.6 |
| **Organ Transplant** |  |  |  |
| No | — | — |  |
| Yes | 1.66 | 1.07, 2.56 | **0.024** |
| **Congenital heart disease** |  |  |  |
| No | — | — |  |
| Yes | 4.90 | 1.69, 14.2 | **0.003** |
| **Pulmonary Arterial Hypertension** |  |  |  |
| No | — | — |  |
| Yes | 1.26 | 0.55, 2.90 | 0.6 |
| **Cerebrovasc\_group** |  |  |  |
| No | — | — |  |
| Yes | 0.69 | 0.53, 0.91 | **0.010** |
| **DVT or Pulmonary Embolism** |  |  |  |
| No | — | — |  |
| Yes | 0.53 | 0.37, 0.76 | **<0.001** |
| **Smoking or Vaping** |  |  |  |
| No | — | — |  |
| Yes | 0.97 | 0.73, 1.28 | 0.8 |
| **DOCUSYMP\_12** |  |  |  |
| No | — | — |  |
| Yes | 0.67 | 0.53, 0.86 | **0.002** |
| **Admission Date** | 1.20 | 1.14, 1.27 | **<0.001** |
| 1OR = Odds Ratio, CI = Confidence Interval | | | |