**Supplemental Table 5.** Multivariable Analysis (full model) of Predictors of 30-day Readmission Following Elective Surgery for Non-Malignant Colorectal Polyps: Analysis of the National Readmission Database 2010-2014 and 2016-2018.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **2010-2014** | | **2016-2018** | |
|  | **Odds Ratio** | **95% Confidence Interval** | **Odds Ratio** | **95% Confidence Interval** |
| **Age** |  |  |  |  |
| 18-44 | reference | reference | reference | Reference |
| 45-64 | 0.95 | (0.72, 1.26) | 0.91 | (0.63, 1.30) |
| 65+ | 0.89 | (0.66, 1.21) | 0.92 | (0.63, 1.34) |
| **Gender** |  |  |  |  |
| Male vs. Female | 1.34 | (1.23, 1.47) | 1.19 | (1.07, 1.31) |
| **Elixhauser Comorbidity Index** |  |  |  |  |
| ≥3 vs. <3 | 1.71 | (1.56, 1.88) | 1.66 | (1.50, 1.83) |
| **Primary Payer** |  |  |  |  |
| Private Insurance | reference | reference | Reference | Reference |
| Medicare | 1.21 | (1.06, 1.40) | 1.1 | (0.94, 1.30) |
| Medicaid | 1.58 | (1.29, 1.95) | 1.26 | (1.01, 1.56) |
| Other/Unknown | 1.12 | (0.90, 1.41) | 1.03 | (0.77, 1.37) |
| **Income Quartile** |  |  |  |  |
| 1st |  |  | reference |  |
| 2nd | 1.06 | (0.95, 1.20) | 0.88 | (0.76, 1.01) |
| 3rd | 0.97 | (0.86, 1.09) | 0.85 | (0.73, 0.98) |
| 4th | 0.93 | (0.82, 1.06) | 0.8 | (0.68, 0.93) |
| Missing | 1.32 | (0.98, 1.78) | 0.8 | (0.51, 1.27) |
| **Surgery Location** |  |  |  |  |
| Left Colon |  |  | reference |  |
| Right Colon | 1.01 | (0.88, 1.15) | 0.98 | (0.84, 1.14) |
| Rectum | 1.23 | (0.99, 1.52) | 1.6 | (1.12, 2.29) |
| **Surgery Type** |  |  |  |  |
| Open vs. Laparoscopic | 1.37 | (1.25, 1.50) | 1.15 | (1.04, 1.28) |
| **Postoperative Morbidity** |  |  |  |  |
| Yes vs. No | 1.58 | (1.44, 1.74) | 1.54 | (1.36, 1.75) |
| **Hospital Type** |  |  |  |  |
| Metropolitan, teaching |  |  | reference |  |
| Metropolitan, non-teaching | 0.94 | (0.86, 1.02) | 1.03 | (0.92, 1.16) |
| Non-metropolitan | 0.93 | (0.80, 1.09) | 0.94 | (0.77, 1.14) |
| **Hospital Bed Size** |  |  |  |  |
| Small |  |  | reference |  |
| Medium | 1.03 | (0.89, 1.20) | 0.93 | (0.80, 1.09) |
| Large | 1.02 | (0.89, 1.17) | 0.96 | (0.83, 1.11) |