**Supplemental Table 4.** Multivariable Analysis (full model) of Predictors of Post-Operative Morbidity 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 | 1.01 | (0.81, 1.24) | 1.11 | (0.81, 1.54) |
| 65+ | 1.26 | (1.01, 1.56) | 1.21 | (0.87, 1.68) |
| **Gender** |  |  |  |  |
| Male vs. Female | 1.55 | (1.46, 1.64) | 1.55 | (1.43, 1.69) |
| **Elixhauser Comorbidity Index** |  |  |  |  |
| ≥3 vs. <3 | 1.77 | (1.65, 1.89) | 1.73 | (1.60, 1.88) |
| **Primary Payer** |  |  |  |  |
| Private Insurance | reference | reference | reference | reference |
| Medicare | 1.14 | (1.04, 1.24) | 1.2 | (1.06, 1.38) |
| Medicaid | 1.29 | (1.10, 1.50) | 1.24 | (1.03, 1.50) |
| Other/Unknown | 1.08 | (0.93, 1.27) | 1.11 | (0.88, 1.40) |
| **Income Quartile** |  |  |  |  |
| 1st | reference | reference | reference | reference |
| 2nd | 1.01 | (0.92, 1.10) | 1.12 | (0.997, 1.25) |
| 3rd | 1 | (0.91, 1.09) | 1.03 | (0.91, 1.15) |
| 4th | 0.97 | (0.88, 1.06) | 1.06 | (0.94, 1.20) |
| Missing | 0.9 | (0.73, 1.12) | 0.93 | (0.68, 1.27) |
| **Surgery Location** |  |  |  |  |
| Left Colon | reference | reference | reference | reference |
| Right Colon | 0.93 | (0.85, 1.01) | 0.94 | (0.84, 1.06) |
| Rectum | 0.95 | (0.81, 1.11) | 0.92 | (0.68, 1.24) |
| **Surgery Type** |  |  |  |  |
| Open vs. Laparoscopic | 1.55 | (1.44, 1.66) | 1.65 | (1.52, 1.79) |
| **Hospital Type** |  |  |  |  |
| Metropolitan, teaching | reference | reference | reference | reference |
| Metropolitan, non-teaching | 1.02 | (0.94, 1.11) | 1.18 | (1.07, 1.31) |
| Non-metropolitan | 1.07 | (0.93, 1.22) | 1.38 | (1.18, 1.63) |
| **Hospital Bed Size** |  |  |  |  |
| Small | reference | reference | reference | reference |
| Medium | 0.87 | (0.75, 1.02) | 1.06 | (0.93, 1.22) |
| Large | 0.93 | (0.81, 1.07) | 0.97 | (0.86, 1.10) |