|  |  |  |  |
| --- | --- | --- | --- |
| Preoperative Characteristics | Odds Ratio; p-value | | |
|  | DIED | LOS | anastomotic\_leak |
| hemorrhage | 7.11 (4.04, 12.53); < 0.01 | 2.12 (1.52, 2.96); < 0.01 | 1.88 (0.69, 5.13); 0.173 |
| Age > 65 | 3.23 (2.11, 4.92); < 0.01 | 1.86 (1.66, 2.09); < 0.01 | 0.80 (0.58, 1.11); 0.205 |
| APRDRG\_Risk\_Mortality | 53.71 (31.47, 91.67); < 0.01 | 10.53 (9.41, 11.79); < 0.01 | 17.78 (12.18, 25.95); < 0.01 |
| APRDRG\_Severity | 37.72 (22.44, 63.40); < 0.01 | 15.67 (13.92, 17.64); < 0.01 | 27.88 (17.37, 44.74); < 0.01 |
| Median household income for patient's ZIP Code | 1.15 (0.80, 1.64); 0.452 | 1.36 (1.21, 1.52); < 0.01 | 1.34 (0.94, 1.91); 0.103 |
| Laparoscopic procedure | 0.82 (0.26, 2.59); 1.000 | 1.07 (0.76, 1.49); 0.727 | 1.15 (0.42, 3.13); 0.781 |
| Male | 1.60 (1.16, 2.21); < 0.01 | 1.46 (1.31, 1.62); < 0.01 | 1.58 (1.14, 2.20); < 0.01 |
| Female | 0.63 (0.45, 0.87); < 0.01 | 0.69 (0.62, 0.76); < 0.01 | 0.63 (0.45, 0.88); < 0.01 |
| Medicare primary payer | 3.51 (2.29, 5.40); < 0.01 | 1.69 (1.51, 1.89); < 0.01 | 0.75 (0.54, 1.04); 0.092 |
| Medicaid primary payer | 1.08 (0.44, 2.64); 0.811 | 1.18 (0.89, 1.57); 0.247 | 2.36 (1.23, 4.51); 0.014 |
| Private insurance primary payer | 0.25 (0.15, 0.41); < 0.01 | 0.56 (0.50, 0.64); < 0.01 | 0.98 (0.70, 1.38); 0.931 |
| Self-pay primary payer | 0.62 (0.09, 4.46); 1.000 | 1.02 (0.62, 1.70); 0.896 | 2.69 (0.98, 7.37); 0.068 |
| Other primary payer | 0.37 (0.05, 2.65); 0.528 | 0.62 (0.38, 1.00); 0.053 | 2.01 (0.82, 4.94); 0.114 |
| White | 0.95 (0.68, 1.32); 0.797 | 0.93 (0.83, 1.04); 0.190 | 0.89 (0.64, 1.25); 0.541 |
| Black | 0.76 (0.40, 1.45); 0.466 | 1.12 (0.94, 1.34); 0.215 | 0.97 (0.54, 1.75); 1.000 |
| Hispanic | 0.97 (0.45, 2.07); 1.000 | 0.92 (0.71, 1.18); 0.574 | 1.48 (0.78, 2.83); 0.236 |
| Asian or Pacific Islander | 0.40 (0.06, 2.85); 0.524 | 0.67 (0.41, 1.08); 0.114 | 0.84 (0.21, 3.40); 1.000 |
| Other | 1.15 (0.36, 3.63); 0.748 | 0.95 (0.63, 1.42); 0.919 | 1.20 (0.38, 3.78); 0.742 |
| Unknown race | 1.22 (0.82, 1.81); 0.334 | 1.13 (0.99, 1.29); 0.086 | 1.03 (0.67, 1.57); 0.913 |
| Not transferred | 0.73 (0.52, 1.03); 0.080 | 0.71 (0.63, 0.79); < 0.01 | 2.42 (1.49, 3.92); < 0.01 |
| Unknown transfer status | 1.21 (0.85, 1.72); 0.306 | 1.36 (1.21, 1.52); < 0.01 | 0.43 (0.26, 0.69); < 0.01 |
| Any malignancy, including lymphoma and leukaemia, except malignant neoplasm of skin | 1.74 (1.18, 2.56); < 0.01 | 1.67 (1.48, 1.89); < 0.01 | 1.01 (0.72, 1.44); 1.000 |
| Chronic pulmonary disease | 1.76 (1.22, 2.55); < 0.01 | 1.66 (1.46, 1.88); < 0.01 | 0.98 (0.63, 1.53); 1.000 |
| Rheumatic disease | 1.56 (0.57, 4.23); 0.336 | 0.99 (0.66, 1.48); 1.000 | 0.79 (0.20, 3.22); 1.000 |
| Congestive heart failure | 5.53 (3.84, 7.96); < 0.01 | 3.73 (3.21, 4.34); < 0.01 | 1.67 (0.97, 2.86); 0.063 |
| Mild liver disease | 4.53 (2.86, 7.18); < 0.01 | 1.03 (0.78, 1.35); 0.833 | 1.11 (0.49, 2.53); 0.663 |
| Metastatic solid tumour | 1.39 (0.96, 2.01); 0.080 | 1.89 (1.68, 2.12); < 0.01 | 1.92 (1.35, 2.73); < 0.01 |
| Renal disease | 5.52 (3.82, 7.99); < 0.01 | 2.32 (1.95, 2.75); < 0.01 | 2.06 (1.24, 3.43); < 0.01 |
| Peripheral vascular disease | 2.49 (1.43, 4.35); < 0.01 | 1.54 (1.22, 1.94); < 0.01 | 1.04 (0.46, 2.36); 0.831 |