**Supplementary Table 2. Adjusted estimates for the incidence of ICU admissions.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cohorta** | **Adjusted IRR** | **95% CI** | **P Value** |
| **Lower** | **Upper** |
| Overall | 0.999 | 0.974 | 1.025 | 0.961 |
| Transplant surgery | 0.934 | 0.886 | 0.984 | 0.011\* |
| Orthopedic surgery | 0.967 | 0.932 | 1.005 | 0.084 |
| Breast, soft tissue infections & extremity surgery | 1.069 | 1.033 | 1.106 | <0.001\* |
| Vascular surgery | 0.986 | 0.963 | 1.011 | 0.265 |
| Hepatobiliary surgery | 1.003 | 0.970 | 1.037 | 0.857 |
| Cardiac surgery | 1.030 | 0.998 | 1.063 | 0.070 |
| Thoracic surgery | 0.895 | 0.862 | 0.929 | <0.001\* |
| Gastrointestinal surgery | 1.003 | 0.985 | 1.022 | 0.714 |
| Urological surgery | 1.031 | 0.998 | 1.064 | 0.066 |
| Obstetric and Gynecological surgeryb | -- | -- | -- | -- |
| Trauma surgery | 1.000 | 0.973 | 1.028 | 0.988 |
| Neurosurgery and spine surgery | 0.996 | 0.972 | 1.021 | 0.755 |
| Facial and ENT surgery | 1.080 | 1.028 | 1.136 | 0.003\* |

aNegative binomial, mixed-effects regression model were constructed where fixed terms included year, age, sex, and race, each ICU was provided a random intercept, and an appropriate offset was used. Odds ratio’s and confidence intervals for each fixed year term are tabulated above.

bModel did not converge.

ICU = Intensive care unit, CI = Confidence interval, ENT = Ear, nose and throat.

\*Two-sided P Value < 0.05