**Supplementary Table 3. Adjusted estimates for the ICU mortality.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cohorta** | **Adjusted IRR** | **95% CI** | | **P Value** |
| **Lower** | **Upper** |
| Overall | 1.017 | 0.929 | 1.113 | 0.711 |
| Transplant surgery | 0.611 | 0.342 | 1.094 | 0.098 |
| Orthopedic surgery | 0.740 | 0.556 | 0.985 | 0.039\* |
| Breast, soft tissue & extremity surgery | 0.732 | 0.567 | 0.943 | 0.016\* |
| Vascular surgery | 1.075 | 0.925 | 1.250 | 0.345 |
| Hepatobiliary surgery | 1.015 | 0.779 | 1.323 | 0.913 |
| Cardiac surgery | 0.770 | 0.663 | 0.895 | 0.001\* |
| Thoracic surgery | 1.141 | 0.908 | 1.434 | 0.258 |
| Gastrointestinal surgery | 0.999 | 0.914 | 1.093 | 0.990 |
| Urological surgery | 0.701 | 0.486 | 1.010 | 0.056 |
| Obstetric and Gynecological surgeryb | -- | -- | -- | -- |
| Trauma surgery | 0.987 | 0.855 | 1.140 | 0.861 |
| Neurosurgery and spine surgery | 0.796 | 0.700 | 0.906 | 0.001\* |
| Facial and ENT surgery | 0.703 | 0.453 | 1.092 | 0.117 |

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

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

bModel did not converge.

\*Two-sided P Value < 0.05