**Supplementary Table 5. Adjusted estimates for the decline in ICU functional status.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cohorta** | **Adjusted IRR** | **95% CI** | | **P Value** |
| **Lower** | **Upper** |
| Overall | 1.135 | 1.120 | 1.151 | <0.001\* |
| Transplant surgery | 0.935 | 0.743 | 1.198 | 0.583 |
| Orthopedic surgery | 1.041 | 1.003 | 1.081 | 0.035\* |
| Breast, soft tissue & extremity surgery | 0.983 | 0.940 | 1.029 | 0.460 |
| Vascular surgery | 1.016 | 0.973 | 1.062 | 0.471 |
| Hepatobiliary surgery | 1.069 | 1.022 | 1.120 | 0.004\* |
| Cardiac surgery | 1.141 | 1.072 | 1.217 | <0.001\* |
| Thoracic surgery | 1.031 | 0.983 | 1.082 | 0.218 |
| Gastrointestinal surgery | 1.037 | 1.000 | 1.077 | 0.054 |
| Urological surgery | 1.013 | 0.963 | 1.067 | 0.617 |
| Obstetric and Gynecological surgery | 1.016 | 0.975 | 1.060 | 0.454 |
| Trauma surgery | 1.020 | 0.989 | 1.053 | 0.217 |
| Neurosurgery and spine surgery | 1.016 | 0.975 | 1.060 | 0.454 |
| Facial and ENT surgery | 1.038 | 0.972 | 1.110 | 0.278 |

aQuasi-Poisson models were constructed where covariates included year, age, sex, and race, APACHE III score. Estimates and confidence intervals for the year term are tabulated above.

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

\*Two-sided P Value < 0.05

**Supplementary Table 6. Adjusted estimates for trend in stationary ICU functional status.**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Cohorta** | **Adjusted IRR** | **95% CI** | | **P Value** |
| **Lower** | **Upper** |
| Overall | 1.023 | 1.015 | 1.031 | <0.001\* |
| Transplant surgery | 1.013 | 0.935 | 1.097 | 0.757 |
| Orthopedic surgery | 1.009 | 0.968 | 1.052 | 0.665 |
| Breast, soft tissue & extremity surgery | 0.987 | 0.956 | 1.020 | 0.450 |
| Vascular surgery | 0.978 | 0.961 | 0.995 | 0.013\* |
| Hepatobiliary surgery | 1.035 | 1.003 | 1.067 | 0.032\* |
| Cardiac surgery | 0.991 | 0.965 | 1.019 | 0.529 |
| Thoracic surgery | 0.986 | 0.959 | 1.015 | 0.342 |
| Gastrointestinal surgery | 1.013 | 0.985 | 1.042 | 0.364 |
| Urological surgery | 1.029 | 0.990 | 1.069 | 0.153 |
| Obstetric and Gynecological surgery | 0.985 | 0.934 | 1.039 | 0.572 |
| Trauma surgery | 1.005 | 0.967 | 1.046 | 0.791 |
| Neurosurgery and spine surgery | 0.995 | 0.969 | 1.022 | 0.709 |
| Facial and ENT surgery | 1.009 | 0.963 | 1.059 | 0.708 |

aQuasi-Poisson models were constructed where covariates included year, age, sex, and race, APACHE III score. Estimates and confidence intervals for the year term are tabulated above.

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

\*Two-sided P Value < 0.05.