**Supplementary Table 4. Adjusted estimates for the ICU LOS.**

|  |  |  |  |
| --- | --- | --- | --- |
| **Cohorta** | **Estimate** | **95% CI** | **P Value** |
| **Lower** | **Upper** |
| Overall | -0.066 | -0.085 | -0.046 | <0.001\* |
| Transplant surgery | -0.088 | -0.166 | -0.010 | 0.027\* |
| Orthopedic surgery | -0.051 | -0.123 | 0.020 | 0.158 |
| Breast, soft tissue & extremity surgery | -0.048 | -0.134 | 0.038 | 0.273 |
| Vascular surgery | -0.037 | -0.082 | 0.008 | 0.105 |
| Hepatobiliary surgery | -0.034 | -0.107 | 0.040 | 0.368 |
| Cardiac surgery | -0.064 | -0.096 | -0.032 | <0.001\* |
| Thoracic surgery | -0.007 | -0.079 | 0.066 | 0.853 |
| Gastrointestinal surgery | -0.116 | -0.174 | -0.057 | <0.001\* |
| Urological surgery | -0.123 | -0.204 | -0.042 | 0.003\* |
| Obstetric and Gynecological surgery | -0.018 | -0.087 | 0.050 | 0.600 |
| Trauma surgery | -0.053 | -0.161 | 0.055 | 0.333 |
| Neurosurgery and spine surgery | -0.057 | -0.101 | -0.013 | 0.011\* |
| Facial and ENT surgery | -0.051 | -0.123 | 0.021 | 0.164 |

aLinear, mixed-effects regression model were constructed where fixed terms included year, age, sex, and race, APACHE III score and each ICU was provided a random intercept. Estimates and confidence intervals for each fixed year term are tabulated above.

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

\*Two-sided P Value < 0.05