Supplementary Table S2A: Generalized linear mixed effects model for combined predictor of arrhythmia and left ventricular dysfunction (cardiovascular disease) with length of stay as outcome measure

|  |  |  |  |
| --- | --- | --- | --- |
|   |   | **Length of Stay** **Rate Ratio (95% CI)** | **p** |
| Age | 1-4 | Reference |   |
|   | 5-9 | 1 (0.8,1.1) | 0.610 |
|   | 10-14 | 1.2 (1,1.4) | 0.034 |
|   | 15-18 | 1.4 (1.1,1.6) | 0.001 |
|   | 19+ | 1.4 (1.2,1.7) | <.001 |
| Cardiovascular Disease | Yes | 1.4 (1.3,1.5) | <.001 |
|   | No | Reference |   |
| Respiratory support  | Yes | 1.6 (1.5,1.8) | <.001 |
|   | No | Reference |   |

Supplementary Table S2B: Generalized linear mixed effects model for combined predictor of arrhythmia and left ventricular dysfunction (cardiovascular disease) with hospitalization cost as outcome measure

|  |  |  |  |
| --- | --- | --- | --- |
|   |   | **Cost** **Rate Ratio (95% CI)** | **p** |
| Age | 1-4 | Reference |   |
|   | 5-9 | 1.1 (0.9,1.3) | 0.341 |
|   | 10-14 | 1.5 (1.3,1.8) | <.001 |
|   | 15-18 | 1.7 (1.4,2) | <.001 |
|   | 19+ | 1.9 (1.6,2.3) | <.001 |
| Cardiovascular Disease | Yes | 1.3 (1.2,1.5) | <.001 |
|   | No | Reference |   |
| Respiratory support  | Yes | 1.4 (1.3,1.5) | <.001 |
|   | No | Reference |   |

Supplementary Table S2C: Generalized linear mixed effects model for combined predictor of arrhythmia and left ventricular dysfunction (cardiovascular disease) with 14-day readmission as outcome measure

|  |  |  |  |
| --- | --- | --- | --- |
|   |   | **14-Day Readmission****Rate Ratio (95% CI)** | **p** |
| Age | 1-4 | Reference |   |
|   | 5-9 | 0.8 (0.3, 1.9) | 0.606 |
|   | 10-14 | 0.7 (0.3, 1.3) | 0.220 |
|   | 15-18 | 0.8 (0.4, 1.7) | 0.606 |
|   | 19+ | 1.5 (0.5, 3.8) | 0.453 |
| Cardiovascular Disease | Yes | 1 (0.7, 1.4) | 0.899 |
|   | No | Reference |   |
| Respiratory support  | Yes | 0.6 (0.4, 1) | 0.048 |
|   | No | Reference |   |