**Supplemental Table 1: Summaries and Comparisons by Discharge Mortality**

|  | **Discharged Alive (N=7604)** | **Died**  **(N=145)** | **P-value** |
| --- | --- | --- | --- |
| Dysrhythmias | 1455 (19.1%) | 38 (26.2%) | 0.03 |
| Dysrhythmia type |  |  | <0.01 |
| Narrow-complex | 335 (23.0%) | 11 (28.9%) |  |
| Wide-complex | 72 (4.9%) | 6 (15.8%) |  |
| Unspecified | 963 (66.2%) | 17 (44.7%) |  |
| Multiple dysrhythmias | 85 (5.8%) | 4 (10.5%) |  |
| Antiarrhythmics | 5094 (67.0%) | 134 (92.4%) | <0.0001 |
| Single antiarrhythmic | 2347 (30.9%) | 22 (15.2%) | <0.0001 |
| Multiple antiarrhythmics | 2747 (36.1%) | 112 (77.2%) | <0.0001 |
| **Demographics** |  |  |  |
| Gender, male | 4314 (56.7%) | 88 (60.7%) | 0.34 |
| Ethnicity |  |  | 0.47 |
| Non-Hispanic white | 3822 (53.8%) | 65 (47.4%) |  |
| Hispanic/Latino | 1127 (15.9%) | 23 (16.8%) |  |
| Black | 935 (13.2%) | 24 (17.5%) |  |
| Asian | 287 (4.0%) | 5 (3.6%) |  |
| Native American | 123 (1.7%) | 2 (1.5%) |  |
| Pacific Islander | 76 (1.1%) | 0 (0.0%) |  |
| Other | 731 (10.3%) | 18 (13.1%) |  |
| **Risk factors** | | | |
| Brain hemorrhage | 68 (0.9%) | 13 (9.0%) | <0.0001 |
| Cardiac arrest | 207 (2.7%) | 61 (42.1%) | <0.0001 |
| Genetic syndromes | 1321 (17.4%) | 50 (34.5%) | <0.0001 |
| Necrotizing enterocolitis | 16 (0.2%) | 3 (2.1%) | <0.0001 |
| Prematurity | 278 (3.7%) | 27 (18.6%) | <0.0001 |
| Tracheoesophageal fistula/Esophageal atresia | 48 (0.6%) | 6 (4.1%) | <0.0001 |
| **Infections** | | | |
| Septic shock | 142 (1.9%) | 42 (29.0%) | <0.0001 |
| Viral infection | 402 (5.3%) | 14 (9.7%) | 0.02 |
| **Interventions** | | | |
| Cardiac catheterization | 760 (10.0%) | 79 (54.5%) | <0.0001 |
| Chest tube insertion | 604 (7.9%) | 31 (21.4%) | <0.0001 |
| Extracorporeal membrane oxygenation (ECMO) | 180 (2.4%) | 65 (44.8%) | <0.0001 |
| Prolonged mechanical ventilation (> 7 days) | 927 (15.7%) | 110 (82.7%) | <0.0001 |
| Pericardiocentesis | 106 (1.4%) | 1 (0.7%) | 0.47 |
| Dialysis | 28 (0.4%) | 22 (15.2%) | <0.0001 |
| Tracheostomy | 95 (1.2%) | 27 (18.6%) | <0.0001 |

Complete list of variables selected for univariate analysis. Statistically significant variables were selected for input as possible covariates for the multivariate model. Continuous variables were summarized as Mean (SD). Skewed continuous variables or count variables were summarized as Median (Q1-Q3). Categorical variables were summarized as frequency (percent). Continuous variables were compared using one-way ANOVA, skewed continuous variables or count variables using Kruskal-Wallis tests, and categorical variables using Pearson chi-square tests. Normality tests were conducted using a Shapiro-Wilk test; p-values <= 0.05 were considered non-normal.