**Supplemental Table** **1**. P-values for pair-wise comparisons for variables with omnibus p<0.05 in Table 1.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|  | No infection | Infection no sepsis | Sepsis | p-value | P infection only vs. sepsis | P no infection vs. sepsis | P infection only vs. no infection |
| N | 387 | 120 | 216 |  |  |  |  |
| Male | 256 (66.1%) | 74 (61.7%) | 114 (52.8%) | 0.005 | 0.136 | 0.002 | 0.382 |
| Race |  |  |  | 0.006 | 0.061 | 0.001 | 0.570 |
| White | 312 (80.6%) | 92 (76.7%) | 164 (75.9%) |  |  |  |  |
| Black | 50 (12.9%) | 18 (15%) | 19 (8.8%) |  |  |  |  |
| Other/Unknown | 25 (6.5%) | 10 (8.3%) | 33 (15.3%) |  |  |  |  |
| Medical History |  |  |  |  |  |  |  |
| CHF | 77 (20.6%) | 12 (10.3%) | 32 (15.3%) | 0.023 | 0.238 | 0.122 | 0.013 |
| CAD | 146 (38.6%) | 24 (20.2%) | 45 (21.2%) | <0.001 | 0.888 | <0.001 | <0.001 |
| Hypertension | 239 (61.8%) | 56 (46.7%) | 134 (62%) | 0.009 | 0.008 | 1.000 | 0.004 |
| Cancer | 88 (23%) | 30 (25.4%) | 69 (32.2%) | 0.050 | 0.212 | 0.016 | 0.620 |
| Reason for ICU Admission |  |  |  |  |  |  |  |
| Cardiovascular | 154 (39.8%) | 33 (27.5%) | 52 (24.1%) | <0.001 | 0.514 | <0.001 | 0.017 |
| Cerebrovascular | 46 (11.9%) | 13 (10.8%) | 11 (5.1%) | 0.017 | 0.075 | 0.006 | 0.871 |
| Sepsis | 0 (0%) | 0 (0%) | 135 (62.5%) | <0.001 | <0.001 | <0.001 | 1.000 |
| Respiratory | 116 (30%) | 73 (60.8%) | 119 (55.1%) | <0.001 | 0.358 | <0.001 | <0.001 |
| Trauma | 49 (12.7%) | 4 (3.3%) | 2 (0.9%) | <0.001 | 0.192 | <0.001 | 0.002 |
| Surgery | 180 (46.5%) | 18 (15%) | 49 (22.7%) | <0.001 | 0.117 | <0.001 | <0.001 |
| Other | 47 (12.1%) | 33 (27.5%) | 46 (21.3%) | <0.001 | 0.227 | 0.005 | <0.001 |
| Non-renal APACHE III | 57 (41-80) | 59 (42-73) | 63 (48-87) | 0.008 | 0.014 | 0.004 | 0.793 |
| APACHE III | 67 (50-90) | 66 (51-82) | 75 (55-96) | 0.006 | 0.010 | 0.003 | 0.833 |
| Non-renal SOFA | 7 (5-10) | 7 (4-9.25) | 8 (5.75-10) | 0.035 | 0.019 | 0.037 | 0.390 |
| SOFA | 8 (5-10) | 7 (4.75-10) | 8 (6-11) | 0.033 | 0.023 | 0.027 | 0.470 |

CHF: congestive heart failure; CAD: coronary artery disease; ICU: intensive care unit; APACHE: Acute Physiology and Chronic Health Evaluation.