**Supplemental Table 1. Characteristics of the Catecholamine-free Patients.**

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| **Characteristic** | **Delirious patients** **(n = 17)** | **Non-delirious patients (n = 39)** | **P value** |
| Age, median (IQR), yrs | 72 (64.0-79.0) | 64 (50.0-75.0) | 0.075 |
| Male, n (%) | 10 (58.8) | 28 (71.8) | 0.366 |
| APACHE II score, median (IQR) | 25 (18.0-32.0) | 21 (16.0-25.0) | 0.047 |
| SOFA score, median (IQR) | 9 (5.5-10.5) | 6 (4.0-7.0) | 0.015 |
| Norepinephrine, median (IQR), ng/mL | 1.18 (0.57-2.08) | 0.62 (0.41-0.87) | 0.028 |
| Epinephrine, median (IQR), ng/mL | 0.20 (0.06-0.41) | 0.07 (0.03-0.14) | 0.004 |
| Dopamine, median (IQR), ng/mL | 0.05 (0.03-0.09) | 0.03 (0.02-0.06) | 0.035 |

Data are presented as the median (25th-75th percentile), or number (percentage). APACHE II score and SOFA score was calculated with the worst values within 24 hours after patient’s admission.

IQR: interquartile range, APACHE II score: Acute Physiology and Chronic Health Evaluation II score, SOFA score: sequential organ failure assessment score.