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| **TABLE S1. Patient Characteristics According to Endpoints** |
|  | **In-hospital mortality** |  | **30-day mortality** |  | **90-day mortality** |
|  | **No** | **Yes** | **P** |  | **No** | **Yes** | **P** |  | **No** | **Yes** | **P** |
| n (%) | 16,725 (96.6%) | 587 (3.4%) |  |  | 16,453 (95.0%) | 859 (5.0%) |  |  | 15,945 (92.1%) | 1,367 (7.9%) |  |
| Time to death (days) | 407 (238–590) | 6 (2–13) | <0.0001 |  | 413 (246–592) | 8 (3–17) | <0.0001 |  | 423 (262–598) | 18 (6–43) | <0.0001 |
| NEWS | 1 (0–3) | 5 (3–8) | <0.0001 |  | 1 (0–3) | 5 (2–7) | <0.0001 |  | 1 (0–2) | 3 (2–6) | <0.0001 |
| suPAR (ng/ml) | 2.7 (1.9–4.1) | 6.5 (4.5–9.6) | <0.0001 |  | 2.7 (1.9–4.0) | 6.2 (4.3–9.2) | <0.0001 |  | 2.7 (1.9–3.9) | 6.0 (4.1–8.6) | <0.0001 |
| Respiratory rate (bpm) | 18 (16–20) | 20 (18–26) | <0.0001 |  | 18 (16–20) | 20 (16–24) | <0.0001 |  | 18 (16–20) | 20 (16–24) | <0.0001 |
| O2 saturation (%) | 97 (96–99) | 96 (92–98) | <0.0001 |  | 97 (96–99) | 96 (93–98) | <0.0001 |  | 97 (96–99) | 96 (94–98) | <0.0001 |
| Supplemental O2 |  |  |  |  |  |  |  |  |  |  |  |
|  No | 13,353 (98.4%) | 219 (1.6%) |  |  | 13,188 (97.2%) | 384 (2.8%) |  |  | 12,870 (94.8%) | 702 (5.2%) |  |
|  Yes | 2,338 (87.5%) | 334 (12.5%) | <0.0001 |  | 2,234 (83.6%) | 438 (16.4%) | <0.0001 |  | 2,063 (77.2%) | 609 (22.8%) | <0.0001 |
| Heart rate (bpm) | 82 (71–95) | 93 (77–110) | <0.0001 |  | 82 (71–95) | 90 (77–107) | <0.0001 |  | 82 (71–95) | 88 (75–104) | <0.0001 |
| Systolic BP (mmHg) | 134 (121–149) | 123 (107–140) | <0.0001 |  | 134 (121–149) | 123 (108–140) | <0.0001 |  | 134 (121–149) | 125 (110–141) | <0.0001 |
| Consciousness*a* |  |  |  |  |  |  |  |  |  |  |  |
|  A | 15,094 (97.1%) | 447 (2.9%) |  |  | 14,864 (95.6%) | 677 (4.4%) |  |  | 14,408 (92.7%) | 1,133 (7.3%) |  |
|  V, P, or U | 412 (81.3%) | 95 (18.7%) | <.0001 |  | 383 (75.5%) | 124 (24.5%) | <.0001 |  | 358 (70.6%) | 149 (29.4%) | <.0001 |
| Temperature (°C) | 36.8 (36.4–37.1) | 36.8 (36.4–37.2) | 0.35 |  | 36.8 (36.4–37.1) | 36.8 (36.0–37.2) | 0.30 |  | 36.8 (36.4–37.1) | 36.8 (36.4–37.2) | 0.28 |
| BP, blood pressure; bpm, beats/breaths per minute; NEWS, national early warning score; suPAR, soluble urokinase plasminogen activator receptor.*a* Level of consciousness: Normal (A: alert or normal sleep) or decreased consciousness (V: reacting to voice; P: reacting to pain; U: unconscious).  |