Baseline characteristics of eICU study population stratified by Hospital Mortality

|  |  | Hospital Mortality | |  |
| --- | --- | --- | --- | --- |
| Variable | Overall | No | Yes | p |
| n | 158,298 | 143,987 | 14,311 |  |
| Age (years) (median [IQR]) | 65.00 [53.00, 76.00] | 64.00 [52.00, 75.00] | 72.00 [61.00, 82.00] | <0.001 |
| Sex (%) |  |  |  | 0.018 |
| Female | 72863 (46.0) | 66200 (46.0) | 6663 (46.6) |  |
| Male | 85295 (53.9) | 77668 (53.9) | 7627 (53.3) |  |
| Unknown | 140 ( 0.1) | 119 ( 0.1) | 21 ( 0.1) |  |
| Hospital stay (days) (median [IQR]) | 5.14 [2.78, 9.15] | 5.20 [2.87, 9.12] | 4.32 [1.64, 9.72] | <0.001 |
| ICU stay (days) (median [IQR]) | 1.86 [1.00, 3.62] | 1.84 [1.00, 3.40] | 2.53 [0.90, 5.91] | <0.001 |
| ICU Mortality = 1 (%) | 10669 ( 6.7) | 163 ( 0.1) | 10506 (73.4) | <0.001 |
| 30-day Mortality = 1 (%) | 13873 ( 8.8) | 0 ( 0.0) | 13873 (96.9) | <0.001 |
| TBI = 1 (%) | 4161 ( 2.6) | 3660 ( 2.5) | 501 ( 3.5) | <0.001 |
| Trauma-related cohort (%) |  |  |  | <0.001 |
| non-trauma | 151686 (95.8) | 138025 (95.9) | 13661 (95.5) |  |
| non-TBI trauma | 2451 ( 1.5) | 2302 ( 1.6) | 149 ( 1.0) |  |
| non-severe TBI | 3073 ( 1.9) | 2945 ( 2.0) | 128 ( 0.9) |  |
| severe TBI | 1088 ( 0.7) | 715 ( 0.5) | 373 ( 2.6) |  |
| Consecutive days with ≥6h IMV (median [IQR]) | 0.00 [0.00, 0.00] | 0.00 [0.00, 0.00] | 0.00 [0.00, 4.00] | <0.001 |
| ≥14 consecutive days of IMV = 1 (%) | 3485 ( 2.2) | 2809 ( 2.0) | 676 ( 4.7) | <0.001 |
| 96h of IMV + Traq = 1 (%) | 763 ( 0.5) | 678 ( 0.5) | 85 ( 0.6) | 0.050 |
| PMV = 1 (%) | 3780 ( 2.4) | 3079 ( 2.1) | 701 ( 4.9) | <0.001 |
| APS score (median [IQR]) | 38.00 [27.00, 53.00] | 36.00 [26.00, 50.00] | 63.00 [43.00, 90.00] | <0.001 |
| Charlson score (median [IQR]) | 3.00 [2.00, 5.00] | 3.00 [2.00, 5.00] | 5.00 [3.00, 7.00] | <0.001 |