Sample characteristics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Level | NTDB | SweTrau | TITCO |
| n (%) |  | 647856 (96.4) | 17284 (2.6) | 6879 (1.0) |
| Age, years (median [IQR]) |  | 50.0 [30.0, 68.0] | 41.0 [25.0, 59.0] | 32.0 [24.0, 45.0] |
| Sex (%) |  | 160 (0.0) | 0 (0.0) | 0 (0.0) |
|  | Female | 239163 (36.9) | 5777 (33.4) | 1141 (16.6) |
|  | Male | 408533 (63.1) | 11507 (66.6) | 5738 (83.4) |
| GCS (median [IQR]) |  | 15.0 [15.0, 15.0] | 15.0 [15.0, 15.0] | 15.0 [9.0, 15.0] |
| TRTS-GCS (%) | 3 | 28789 (4.4) | 210 (1.2) | 358 (5.2) |
|  | 4-5 | 2555 (0.4) | 99 (0.6) | 448 (6.5) |
|  | 6-8 | 8533 (1.3) | 244 (1.4) | 884 (12.9) |
|  | 9-12 | 14641 (2.3) | 579 (3.3) | 870 (12.6) |
|  | 13-15 | 593338 (91.6) | 16152 (93.5) | 4319 (62.8) |
| SBP (median [IQR]) |  | 138.0 [122.0, 154.0] | 138.0 [124.0, 154.0] | 120.0 [108.0, 128.0] |
| TRTS-SBP (%) | 0 | 4846 (0.7) | 67 (0.4) | 87 (1.3) |
|  | 1-49 | 658 (0.1) | 27 (0.2) | 7 (0.1) |
|  | 50-75 | 4292 (0.7) | 107 (0.6) | 176 (2.6) |
|  | 76-89 | 8094 (1.2) | 187 (1.1) | 256 (3.7) |
|  | >89 | 629966 (97.2) | 16896 (97.8) | 6353 (92.4) |
| RR (median [IQR]) |  | 18.0 [16.0, 20.0] | 18.0 [15.0, 21.0] | 18.0 [16.0, 22.0] |
| TRTS-RR (%) | 0 | 9704 (1.5) | 18 (0.1) | 134 (1.9) |
|  | 1-5 | 503 (0.1) | 11 (0.1) | 0 (0.0) |
|  | 6-9 | 2068 (0.3) | 157 (0.9) | 10 (0.1) |
|  | >29 | 11704 (1.8) | 1276 (7.4) | 108 (1.6) |
|  | 10-29 | 623877 (96.3) | 15822 (91.5) | 6627 (96.3) |
| ISS (median [IQR]) |  | 9.0 [4.0, 12.0] | 4.0 [1.0, 10.0] | 10.0 [9.0, 14.0] |
| Major trauma (%) | No | 530681 (81.9) | 14488 (83.8) | 5238 (76.1) |
|  | Yes | 117175 (18.1) | 2796 (16.2) | 1641 (23.9) |
| 30-day survival (%) |  | 95858 (14.8) | 0 (0.0) | 0 (0.0) |
|  | No | 528798 (81.6) | 16643 (96.3) | 5503 (80.0) |
|  | Yes | 23200 (3.6) | 641 (3.7) | 1376 (20.0) |

Abbreviations and explanations: Age, years, Patient age, years; GCS, Glasgow coma scale; ISS, Injury severity score; RR, Respiratory rate; SBP, Systolic blood pressure; Sex, Patient sex; TRTS-GCS, Triage Revised Trauma Score - Glasgow coma scale; TRTS-RR, Triage Revised Trauma Score - Respiratory rate; TRTS-SBP, Triage Revised Trauma Score - Systolic blood pressure