Sample characteristics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Characteristic | Level | NTDB | SweTrau | TITCO |
| n (%) |  | 647856 (96.1) | 18374 (2.7) | 7980 (1.2) |
| Age, years (median [IQR]) |  | 50.0 [30.0, 68.0] | 39.0 [23.0, 57.0] | 30.0 [20.0, 43.0] |
| Sex (%) |  | 160 (0.0) | 0 (0.0) | 0 (0.0) |
|  | Female | 239163 (36.9) | 6227 (33.9) | 1524 (19.1) |
|  | Male | 408533 (63.1) | 12147 (66.1) | 6456 (80.9) |
| 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) | 217 (1.2) | 393 (4.9) |
|  | 4-5 | 2555 (0.4) | 102 (0.6) | 496 (6.2) |
|  | 6-8 | 8533 (1.3) | 249 (1.4) | 990 (12.4) |
|  | 9-12 | 14641 (2.3) | 604 (3.3) | 1043 (13.1) |
|  | 13-15 | 593338 (91.6) | 17202 (93.6) | 5058 (63.4) |
| SBP (median [IQR]) |  | 138.0 [122.0, 154.0] | 136.0 [121.0, 152.0] | 116.0 [102.0, 128.0] |
| TRTS-SBP (%) | 0 | 4846 (0.7) | 67 (0.4) | 99 (1.2) |
|  | 1-49 | 658 (0.1) | 28 (0.2) | 8 (0.1) |
|  | 50-75 | 4292 (0.7) | 108 (0.6) | 195 (2.4) |
|  | 76-89 | 8094 (1.2) | 205 (1.1) | 307 (3.8) |
|  | >89 | 629966 (97.2) | 17966 (97.8) | 7371 (92.4) |
| RR (median [IQR]) |  | 18.0 [16.0, 20.0] | 18.0 [16.0, 21.0] | 18.0 [16.0, 22.0] |
| TRTS-RR (%) | 0 | 9704 (1.5) | 18 (0.1) | 143 (1.8) |
|  | 1-5 | 503 (0.1) | 12 (0.1) | 2 (0.0) |
|  | 6-9 | 2068 (0.3) | 158 (0.9) | 10 (0.1) |
|  | >29 | 11704 (1.8) | 1376 (7.5) | 135 (1.7) |
|  | 10-29 | 623877 (96.3) | 16810 (91.5) | 7690 (96.4) |
| 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) | 15481 (84.3) | 6134 (76.9) |
|  | Yes | 117175 (18.1) | 2893 (15.7) | 1846 (23.1) |
| 30-day survival (%) |  | 95858 (14.8) | 0 (0.0) | 0 (0.0) |
|  | No | 528798 (81.6) | 17725 (96.5) | 6478 (81.2) |
|  | Yes | 23200 (3.6) | 649 (3.5) | 1502 (18.8) |

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