

**Supplemental table 1**

Admission data, patients dead within first and second day presented separately.

<b>Factor</b>	<b>Level</b>	<b>all</b>	<b>missing (n)</b>	<b>Deaths within first day</b>	<b>non-sepsis (excl deaths within first day)</b>	<b>sepsis (excl deaths within first day)</b>	<b>Deaths within first and second day</b>	<b>non-sepsis (excl deaths within first and second day)</b>	<b>sepsis (excl deaths within first and second day)</b>
N		722		9	555 (78%)	158 (22%)	20	544 (77%)	158 (23%)
Age		41 (28- 58)	0	49 (40-73)	39 (27-56)	47 (31-63)	58 (38-75)	39 (27-55)	47 (31-63)
Sex	female	161 (22%)	0	2 (22%)	127 (23%)	32 (20%)	5 (25%)	124 (23%)	32 (20%)
CCI >0		166 (23%)	0	3 (33%)	119 (21%)	44 (28%)	7 (35%)	115 (21%)	44 (28%)
CCI, points		0 (0-0)	0	1 (0-1)	0 (0-0)	0 (0-1)	0 (0-1)	0 (0-0)	0 (0-1)
Injury mechanisms			0						
	Traffic	302 (42%)	0	3 (33%)	226 (41%)	73 (46%)	7 (35%)	222 (41%)	73 (46%)
	Fall	123 (17%)	0	2 (22%)	94 (17%)	27 (17%)	5 (25%)	91 (17%)	27 (17%)
	Self-inflicted	120 (17%)	0	3 (33%)	86 (16%)	31 (20%)	5 (25%)	84 (15%)	31 (20%)
	Assault	86 (12%)	0	0 (0%)	75 (14%)	11 (7%)	0 (0%)	75 (14%)	11 (7%)
	Others	91 (13%)	0	1 (11%)	74 (13%)	16 (10%)	3 (15%)	72 (13%)	16 (10%)
Intubated at scene		140 (19%)	0	3 (33%)	100 (18%)	37 (23%)	7 (35%)	96 (18%)	37 (23%)
ISS		26 (18-38)	2	34 (25-45)	24 (17-35)	34 (24-43)	33.5 (25-45)	24 (17-34)	34 (24-43)
ISS > 15		605 (84%)	2	9 (100%)	451 (81%)	145 (92%)	20 (100%)	440 (81%)	145 (92%)
AIS head >2		294 (41%)	0	7 (78%)	216 (39%)	71 (45%)	18 (90%)	205 (38%)	71 (45%)

AIS face > 2		20 (3%)	0	1 (11%)	13 (2%)	6 (4%)	1 (5%)	13 (2%)	6 (4%)
AIS neck > 2		42 (6%)	0	1 (11%)	31 (6%)	10 (6%)	2 (10%)	30 (5.5%)	10 (6%)
AIS spine > 2		175 (24%)	0	3 (33%)	112 (20%)	60 (38%)	4 (20%)	111 (20%)	60 (38%)
AIS upper extremity > 2		36 (5%)	0	9 (100%)	25 (5%)	11 (7%)	20 (100%)	25 (5%)	11 (7%)
AIS thorax > 2		421 (58%)	0	1 (11%)	303 (55%)	110 (70%)	13 (65%)	298 (55%)	110 (70%)
AIS abdomen > 2		178 (25%)	0	3 (33%)	122 (22%)	53 (34%)	3 (15%)	122 (22%)	53 (34%)
AIS lower extremity > 2		233 (32%)	0	2 (22%)	164 (30%)	67 (42%)	2 (10%)	164 (30%)	67 (42%)
Penetrating trauma		88 (12%)	0	1 (11%)	74 (13%)	13 (8%)	1 (5%)	74 (14%)	13 (8%)
Shock on arrival		115 (16%)	9	4 (44%)	63 (11%)	48 (30%)	5 (25%)	62 (11%)	48 (30%)
Admission SAP		122 (103-148)	9	101 (80-135)	127 (110-150)	110 (84-135)	131 (91-160.5)	126 (109-150)	110 (84.5-135)
Admission GCS		13 (8-15)	59	5 (3-13)	14 (8-15)	11 (8-15)	3.5 (3-8)	14 (8-15)	11 (8-15)
BAC > 0 mM		184 (27%)	33	9 (100%)	138 (26%)	46 (31%)	3 (17%)	135 (26%)	46 (31%)
Admission creatinine		92 (77-112)	34	135 (122-161)	91 (75-109)	99 (84-119)	103 (82-135)	91 (75-109)	99 (84-119)
Admission TIC		105 (16%)	76	1 (12%)	71 (14%)	33 (23%)	3 (19%)	69 (14%)	33 (23%)
Massive transfusion		125 (17%)	0	5 (56%)	71 (13%)	49 (31%)	6 (30%)	70 (13%)	49 (31%)
Number of PRBC 24 hrs		2 (0-7)	0	12 (1-13)	1 (0-5)	5 (0- 11)	2.5 (0-12)	1 (0-5)	5 (0- 11)

Total fluid load 24 hrs		5550 (3400- 8800)	0	9700 (5800- 11352)	5018 (3067- 8068)	7810 (4750- 12100)	6550 (3830- 10450)	5066.5 (3033.5- 8059)	7810 (4750- 12100)
Surgery first 24 hrs		378 (52%)	0	4 (44%)	282 (51%)	92 (58%)	6 (30%)	280 (52%)	92 (58%)
APACHE II		15 (11-21)	0	30 (28-33)	14 (10-20)	18 (14-23)	29.5 (25.5- 32.5)	14 (10-19)	18 (14-23)
Admission SOFA		5 (3-7)	0	9 (5-11)	5 (3-7)	7 (5-9)	8 (5.5-10)	5 (3-7)	7 (5-9)

Continuous parameters presented as median (IQR), and categorical parameters presented as n (%). Missing data depicted as (n). Admission refers to the admission to the trauma unit. Charlson Comorbidity Index (CCI), Injury severity score (ISS), abbreviated injury scale (AIS), systolic arterial blood pressure (SAP), Glasgow Coma Scale (GCS), blood alcohol concentration (BAC), trauma-induced coagulopathy (TIC), packed red blood cells (PRBC), acute and chronic health evaluation II (APACHE II) and sequential organ failure assessment (SOFA).