

## Supplemental Table 3 A

## Odds ratio of JCS for mortality (model A)

JCS	Odds ratio	95% CI
I-1	1.11	(0.24 - 5.13)
I-2	1.89	(0.24 - 14.9)
I-3	9.56	(3.19 - 28.7)
II-10	5.49	(1.83 - 16.4)
II-20	21.8	(7.67 - 61.9)
II-30	10.7	(2.88 - 39.9)
III-100	24.5	(10.3 - 58.7)
III-200	127.5	(60.9 - 267.0)
III-300	447.7	(219.2 - 914.5)

## Supplemental Table 3B

## Odds ratio of GCS for mortality (model A)

GCS	Odds ratio	95% CI
14	1.21	(0.27 - 5.46)
13	4.51	(1.25 - 16.2)
12	11.4	(3.61 - 36.2)
11	8.67	(2.40 - 31.3)
10	12.6	(3.99 - 40.1)
9	15.1	(4.75 - 48.0)
8	11.2	(3.09 - 40.5)
7	37.5	(16.0 - 87.8)
6	50.7	(22.0 - 117.0)
5	194.6	(78.7 - 481.1)
4	283.1	(127.4 - 629.2)
3	450.5	(231.5 - 876.6)

## Supplemental Table 3C

## Odds ratio of JCS for mortality (model B)

JCS	Odds ratio	95% CI
I-1	1.92	(0.35 - 10.6)
I-2	2.56	(0.28 - 23.4)
I-3	7.74	(1.84 - 32.6)
II-10	3.63	(0.78 - 16.9)
II-20	23.46	(6.16 - 89.4)
II-30	2.60	(0.28 - 24.6)
III-100	19.38	(5.90 - 63.7)
III-200	54.30	(17.5 - 169.0)
III-300	205.10	(67.9 - 619.4)
Age (year)	0.95	(0.90 - 1.00)
Sex (man)	0.86	(0.52 - 1.40)
hypotension	15.10	(7.79 - 29.3)
bradypnea	1.32	(0.67 - 2.62)
tachypnea	1.05	(0.63 - 1.75)
Blunt trauma	0.75	(0.09 - 6.57)
ISS	1.06	(1.04 - 1.08)

## Supplemental Table 3D

## Odds ratio of GCS for mortality (model B)

GCS	Odds ratio	95% CI
14	1.65	(0.33 - 8.31)
13	3.30	(0.71 - 15.5)
12	4.39	(0.82 - 23.5)
11	6.08	(1.41 - 26.3)
10	5.36	(1.20 - 23.9)
9	6.58	(1.40 - 30.9)
8	3.74	(0.68 - 20.7)
7	14.7	(4.68 - 46.5)
6	16.2	(5.04 - 51.8)
5	104.9	(31.0 - 354.7)
4	162.7	(55.4 - 477.2)
3	161.7	(61.7 - 424.2)
Age (year)	0.96	(0.91 - 1.01)
Sex (man)	0.87	(0.53 - 1.42)
hypotension	17.2	(8.81 - 33.7)
bradypnea	1.13	(0.56 - 2.27)
tachypnea	0.96	(0.56 - 1.63)
Blunt trauma	0.85	(0.09 - 8.41)
ISS	1.07	(1.05 - 1.09)

JCS, Japan Coma Scale; GCS, Glasgow Coma Scale; 95% CI, 95% confidence interval; ISS, Injury Severity Score