

Supplementary Table 1 (18-65 years old)

Variable	Regular patients with RSI < 1 n=158	Regular patients with RSI ≥ 1 n=11429	TTA patients n=1526	OR (95%CI) Regular patients with RSI < 1 vs regular patients with RSI ≥ 1	p	OR (95%CI) Regular patients with RSI < 1 vs TTA patients	p
RSI							
Mean	0.8±0.1	1.8±0.5	1.5±0.6	—	<0.001	—	<0.001
Range	0.0~0.9	1.0~9.5	0.0~8.1	—	—	—	—
Gender							
Male	110(69.6)	7089(62.0)	1087(71.2)	1.4(1.00-1.97)	0.059	0.9(0.65-1.32)	0.712
Female	48(30.4)	4340(38.0)	439(28.8)	0.7(0.51-1.00)	0.059	1.1(0.76-1.54)	0.712
Alcohol ≥ 50 mg/dL	31(19.6)	644(5.6)	364(23.9)	4.1(2.74-6.10)	<0.001	0.8(0.52-1.17)	0.278
BAC level (mg/dL)							
Mean	141.4±80.6	158.1±93.3	168.7±97.8	—	0.278	—	0.095
Range	5.0~290.3	0.2~414.6	0.5~443.1	—	—	—	—
ISS							
1-8	73(46.2)	7178(62.8)	349(22.9)	0.5(0.37-0.70)	<0.001	2.9(2.07-4.05)	<0.001
9-15	42(26.6)	3249(28.4)	397(26.0)	0.9(0.64-1.30)	0.654	1.0(0.71-1.49)	0.850
16-24	29(18.4)	788(6.9)	422(27.7)	3.0(2.02-4.57)	<0.001	0.6(0.39-0.89)	0.011
≥25	14(6.9)	214(1.9)	358(23.5)	5.1(2.90-8.97)	<0.001	0.3(0.18-0.56)	<0.001
Mortality	3(1.9)	35(0.3)	152(10.0)	6.3(1.92-20.71)	0.015	0.2(0.06-0.56)	<0.001
ISS+Age (AOR)	—	—	—	4.3(1.21-14.91)	0.024	0.4(0.12-1.31)	0.131
Hospital LOS (days)	13.3±12.7	8.4±8.8	15.9±16.1	—	<0.001	—	0.016
ICU stay	46(29.1)	1394(12.2)	827(54.2)	3.0(2.09-4.19)	<0.001	0.3(0.24-0.50)	<0.001
ICU LOS (days)	8.3±10.0	8.4±10.6	10.4±13.0	—	0.955	—	0.293