

Table 1 Emergency mortality and sepsis (resistant or not)

	Overall	No 0	Yes 1	p	test
n	9960	9043	915		
gender = 1 (%)	4891 ( 49.1)	4428 ( 49.0)	463 ( 50.6)	0.364	
age (mean (SD))	66.08 (16.30)	65.69 (16.41)	69.97 (14.71)	<0.001	
ethnicity (%)				0.679	
	100 ( 1.0)	88 ( 1.0)	12 ( 1.3)		
African American	1012 ( 10.2)	914 ( 10.1)	98 ( 10.7)		
Asian	192 ( 1.9)	174 ( 1.9)	18 ( 2.0)		
Caucasian	7701 ( 77.3)	6988 ( 77.3)	711 ( 77.7)		
Hispanic	477 ( 4.8)	435 ( 4.8)	42 ( 4.6)		
Native American	85 ( 0.9)	78 ( 0.9)	7 ( 0.8)		
Other/Unknown	393 ( 3.9)	366 ( 4.0)	27 ( 3.0)		
hospitalid (mean (SD))	254.41 (120.97)	252.55 (121.19)	273.00 (117.21)	<0.001	
apacheadmissiondx (%)				<0.001	
Abscess/infection-cranial, surgery for	1 ( 0.0)	1 ( 0.0)	0 ( 0.0)		
Cellulitis and localized soft tissue infections	175 ( 1.8)	173 ( 1.9)	2 ( 0.2)		
Cellulitis and localized soft tissue infections, surgery for	12 ( 0.1)	11 ( 0.1)	1 ( 0.1)		
Infection/abscess, other surgery for	2 ( 0.0)	2 ( 0.0)	0 ( 0.0)		
Renal infection/abscess	80 ( 0.8)	80 ( 0.9)	0 ( 0.0)		
Sepsis, cutaneous/soft tissue	730 ( 7.3)	687 ( 7.6)	43 ( 4.7)		
Sepsis, GI	1016 ( 10.2)	889 ( 9.8)	127 ( 13.9)		
Sepsis, gynecologic	25 ( 0.3)	23 ( 0.3)	2 ( 0.2)		
Sepsis, other	618 ( 6.2)	547 ( 6.0)	71 ( 7.8)		
Sepsis, pulmonary	3678 ( 36.9)	3295 ( 36.4)	383 ( 41.9)		
Sepsis, renal/UTI (including bladder)	2426 ( 24.4)	2280 ( 25.2)	144 ( 15.7)		
Sepsis, unknown	1197 ( 12.0)	1055 ( 11.7)	142 ( 15.5)		
er_lo (mean (SD))	-239.77 (819.85)	-231.98 (791.90)	-317.06 (1055.15)	0.003	
hospitaladmitsource = Emergency Department (%)	9960 (100.0)	9043 (100.0)	915 (100.0)	NA	
hospitaldischargeoffset (mean (SD))	11214.59 (11313.54)	11775.98 (11414.54)	5679.20 (8475.37)	<0.001	
unittype (%)				0.246	
Cardiac ICU	582 ( 5.8)	528 ( 5.8)	54 ( 5.9)		
CCU-CTICU	587 ( 5.9)	541 ( 6.0)	46 ( 5.0)		
CSICU	167 ( 1.7)	146 ( 1.6)	21 ( 2.3)		
CTICU	69 ( 0.7)	65 ( 0.7)	4 ( 0.4)		
Med-Surg ICU	6928 ( 69.6)	6300 ( 69.7)	626 ( 68.4)		
MICU	1166 ( 11.7)	1040 ( 11.5)	126 ( 13.8)		
Neuro ICU	189 ( 1.9)	172 ( 1.9)	17 ( 1.9)		
SICU	272 ( 2.7)	251 ( 2.8)	21 ( 2.3)		
unitstaytype = admit (%)	9960 (100.0)	9043 (100.0)	915 (100.0)	NA	
unitdischargeoffset (mean (SD))	4759.23 (6243.91)	4670.40 (5965.63)	5639.66 (8477.65)	<0.001	
unitdischargelocation (%)				<0.001	
	11 ( 0.1)	9 ( 0.1)	0 ( 0.0)		
Acute Care/Floor	826 ( 8.3)	826 ( 9.1)	0 ( 0.0)		
Death	915 ( 9.2)	0 ( 0.0)	915 (100.0)		
Floor	4836 ( 48.6)	4836 ( 53.5)	0 ( 0.0)		

		No	Yes		
	Overall	0	1	p	test
Home	290 ( 2.9)	290 ( 3.2)	0 ( 0.0)		
ICU	69 ( 0.7)	69 ( 0.8)	0 ( 0.0)		
Nursing Home	27 ( 0.3)	27 ( 0.3)	0 ( 0.0)		
Other	61 ( 0.6)	61 ( 0.7)	0 ( 0.0)		
Other External	194 ( 1.9)	194 ( 2.1)	0 ( 0.0)		
Other Hospital	247 ( 2.5)	247 ( 2.7)	0 ( 0.0)		
Other ICU	189 ( 1.9)	189 ( 2.1)	0 ( 0.0)		
Other Internal	7 ( 0.1)	7 ( 0.1)	0 ( 0.0)		
Rehabilitation	27 ( 0.3)	27 ( 0.3)	0 ( 0.0)		
Skilled Nursing Facility	154 ( 1.5)	154 ( 1.7)	0 ( 0.0)		
Step-Down Unit (SDU)	1517 ( 15.2)	1517 ( 16.8)	0 ( 0.0)		
Telemetry	590 ( 5.9)	590 ( 6.5)	0 ( 0.0)		
unitdischargestatus = 1 (%)	915 ( 9.2)	0 ( 0.0)	915 (100.0)	<0.001	
apachescoreIV (mean (SD))	65.60 (25.11)	63.00 (22.73)	91.26 (32.13)	<0.001	
sensitivity_counf (%)				0.981	
	322 ( 64.9)	295 ( 64.8)	27 ( 65.9)		
0	115 ( 23.2)	106 ( 23.3)	9 ( 22.0)		
1	59 ( 11.9)	54 ( 11.9)	5 ( 12.2)		