

Table 1 Emergency and sepsis. Stratified by ICU mortality

	Overall	No Alive	Yes Expired	p	test
n	9796	8895	901		
sex = Female (%)	4808 (49.1)	4349 (48.9)	459 (50.9)	0.255	
age (mean (SD))	66.02 (16.34)	65.63 (16.44)	69.87 (14.78)	<0.001	
ethnicity (%)				0.741	
	100 (1.0)	88 (1.0)	12 (1.3)		
African American	994 (10.1)	898 (10.1)	96 (10.7)		
Asian	192 (2.0)	174 (2.0)	18 (2.0)		
Caucasian	7568 (77.3)	6869 (77.2)	699 (77.6)		
Hispanic	473 (4.8)	431 (4.8)	42 (4.7)		
Native American	85 (0.9)	78 (0.9)	7 (0.8)		
Other/Unknown	384 (3.9)	357 (4.0)	27 (3.0)		
hospitalid (mean (SD))	251.54 (119.88)	249.61 (120.06)	270.56 (116.46)	<0.001	
er_los_hrs (mean (SD))	4.16 (13.62)	4.05 (13.13)	5.25 (17.66)	0.011	
sepsis_bin = sí (%)	9530 (97.3)	8632 (97.0)	898 (99.7)	<0.001	
infection_bin = sí (%)	266 (2.7)	263 (3.0)	3 (0.3)	<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	76 (0.8)	76 (0.9)	0 (0.0)		
Sepsis, cutaneous/soft tissue	724 (7.4)	681 (7.7)	43 (4.8)		
Sepsis, GI	1009 (10.3)	886 (10.0)	123 (13.7)		
Sepsis, gynecologic	25 (0.3)	23 (0.3)	2 (0.2)		
Sepsis, other	597 (6.1)	530 (6.0)	67 (7.4)		
Sepsis, pulmonary	3629 (37.0)	3246 (36.5)	383 (42.5)		
Sepsis, renal/UTI (including bladder)	2368 (24.2)	2224 (25.0)	144 (16.0)		
Sepsis, unknown	1178 (12.0)	1042 (11.7)	136 (15.1)		
unittype (%)				0.250	
Cardiac ICU	572 (5.8)	521 (5.9)	51 (5.7)		
CCU-CTICU	587 (6.0)	541 (6.1)	46 (5.1)		
CSICU	167 (1.7)	146 (1.6)	21 (2.3)		
CTICU	69 (0.7)	65 (0.7)	4 (0.4)		
Med-Surg ICU	6774 (69.2)	6159 (69.2)	615 (68.3)		
MICU	1166 (11.9)	1040 (11.7)	126 (14.0)		
Neuro ICU	189 (1.9)	172 (1.9)	17 (1.9)		
SICU	272 (2.8)	251 (2.8)	21 (2.3)		
apachescoreIV (mean (SD))	65.39 (24.99)	62.76 (22.58)	91.30 (31.93)	<0.001	
bact_resist_level (%)				0.576	
Not infection	9709 (99.1)	8814 (99.1)	895 (99.3)		
Not resistant	28 (0.3)	27 (0.3)	1 (0.1)		
Resistant	59 (0.6)	54 (0.6)	5 (0.6)		
final_charlson_score (mean (SD))	4.52 (2.93)	4.45 (2.93)	5.21 (2.88)	<0.001	
hist_metastasis_bin = 1 (%)	363 (3.7)	316 (3.6)	47 (5.2)	0.015	
hist_vih_sida_bin = 1 (%)	25 (0.3)	25 (0.3)	0 (0.0)	0.212	
hist_cirrosis_liver_bin = 1 (%)	231 (2.4)	174 (2.0)	57 (6.3)	<0.001	
hist_stroke_bin = 1 (%)	1001 (10.2)	916 (10.3)	85 (9.4)	0.448	

		No	Yes		
	Overall	Alive	Expired	p	test
hist_renal_bin = 1 (%)	1635 (16.7)	1474 (16.6)	161 (17.9)	0.343	
hist_diabetes_bin = 1 (%)	3273 (33.4)	3021 (34.0)	252 (28.0)	<0.001	
hist_cancer_bin = 1 (%)	1653 (16.9)	1454 (16.3)	199 (22.1)	<0.001	
hist_leukemia_bin = 1 (%)	97 (1.0)	84 (0.9)	13 (1.4)	0.206	
hist_lymphoma_bin = 1 (%)	126 (1.3)	107 (1.2)	19 (2.1)	0.032	
hist_myocardial_infar_bin = 1 (%)	828 (8.5)	763 (8.6)	65 (7.2)	0.180	
hist_chf_bin = 1 (%)	1741 (17.8)	1560 (17.5)	181 (20.1)	0.062	
hist_pvd_bin = 1 (%)	512 (5.2)	455 (5.1)	57 (6.3)	0.139	
hist_tia_bin = 1 (%)	250 (2.6)	233 (2.6)	17 (1.9)	0.223	
hist_dementia_bin = 1 (%)	641 (6.5)	581 (6.5)	60 (6.7)	0.939	
hist_copd_bin = 1 (%)	1773 (18.1)	1599 (18.0)	174 (19.3)	0.344	
hist_ctd_bin = 1 (%)	304 (3.1)	280 (3.1)	24 (2.7)	0.485	
hist_pud_bin = 1 (%)	273 (2.8)	240 (2.7)	33 (3.7)	0.116	
hist_liver_bin = 1 (%)	313 (3.2)	251 (2.8)	62 (6.9)	<0.001	