

Table 1 of base model

	Overall	ICU mortality		p	test	SMD
		Alive	Expired			
n	200380	145647	54733			
age (mean (SD))	63.15 (17.07)	62.99 (17.05)	63.59 (17.12)	<0.001		0.035
sex = 1 (%)	92152 (46.0)	66783 (45.9)	25369 (46.4)	0.047		0.010
ethnicity (%)				<0.001		0.136
African American	21270 (10.6)	16628 (11.4)	4642 ( 8.5)			
Asian	3268 ( 1.6)	2055 ( 1.4)	1213 ( 2.2)			
Caucasian	155060 (77.4)	112055 (76.9)	43005 (78.6)			
Hispanic	7435 ( 3.7)	5718 ( 3.9)	1717 ( 3.1)			
Native American	1698 ( 0.8)	1011 ( 0.7)	687 ( 1.3)			
Other/Unknown	11649 ( 5.8)	8180 ( 5.6)	3469 ( 6.3)			
prev_dept_los_hrs (mean (SD))	39.73 (123.41)	31.87 (118.27)	60.65 (133.91)	<0.001		0.228
bicarbonate_clear (mean (SD))	0.81 (3.00)	0.88 (3.18)	0.59 (2.46)	<0.001		0.103
sodium_clear (mean (SD))	0.29 (3.28)	0.32 (3.45)	0.20 (2.78)	<0.001		0.040
respiratoryrate_clear (mean (SD))	-0.45 (6.63)	-0.32 (6.89)	-0.80 (5.88)	<0.001		0.075
BUN_clear (mean (SD))	-1.21 (9.23)	-1.45 (9.84)	-0.57 (7.34)	<0.001		0.101
nibp_diastolic_clear (mean (SD))	-0.92 (17.18)	-0.97 (17.78)	-0.79 (15.49)	0.040		0.011
nibp_systolic_clear (mean (SD))	0.18 (25.35)	0.39 (26.43)	-0.38 (22.21)	<0.001		0.032
nibp_mean_clear (mean (SD))	-0.90 (18.17)	-0.82 (18.94)	-1.10 (15.94)	0.002		0.016
temperature_clear (mean (SD))	0.10 (0.78)	0.11 (0.82)	0.06 (0.67)	<0.001		0.071
glucose_clear (mean (SD))	-10.94 (71.78)	-12.37 (75.63)	-7.16 (60.18)	<0.001		0.076
potassium_clear (mean (SD))	-0.06 (0.56)	-0.08 (0.59)	-0.01 (0.47)	<0.001		0.115
hemoglobin_clear (mean (SD))	-0.37 (1.09)	-0.38 (1.15)	-0.32 (0.91)	<0.001		0.056
calcium_clear (mean (SD))	-0.01 (0.49)	0.00 (0.51)	-0.02 (0.43)	<0.001		0.030
norepinephrine = 1 (%)	14308 ( 7.1)	11650 ( 8.0)	2658 ( 4.9)	<0.001		0.128
phenylephrine = 1 (%)	5471 ( 2.7)	4335 ( 3.0)	1136 ( 2.1)	<0.001		0.057
heparin = 1 (%)	35112 (17.5)	29174 (20.0)	5938 (10.8)	<0.001		0.256
warfarin = 1 (%)	8882 ( 4.4)	6537 ( 4.5)	2345 ( 4.3)	0.050		0.010
heartrate_clear (mean (SD))	-4.06 (18.86)	-4.39 (19.64)	-3.18 (16.58)	<0.001		0.067
vasopressors_other_bin = 1 (%)	9554 ( 4.8)	7388 ( 5.1)	2166 ( 4.0)	<0.001		0.054
hist_diabetes_bin = 1 (%)	52867 (26.4)	43282 (29.7)	9585 (17.5)	<0.001		0.290
hist_chf_bin = 1 (%)	27313 (13.6)	22214 (15.3)	5099 ( 9.3)	<0.001		0.182
hist_copd_bin = 1 (%)	27113 (13.5)	22392 (15.4)	4721 ( 8.6)	<0.001		0.209
hist_cancer_bin = 1 (%)	23752 (11.9)	19138 (13.1)	4614 ( 8.4)	<0.001		0.152
hist_renal_bin = 1 (%)	22712 (11.3)	18578 (12.8)	4134 ( 7.6)	<0.001		0.173
final_charlson_score (mean (SD))	3.88 (2.55)	3.85 (2.69)	3.97 (2.13)	<0.001		0.051
CABG = 1 (%)	4543 ( 2.3)	4044 ( 2.8)	499 ( 0.9)	<0.001		0.139
Cardiac_arrest = 1 (%)	4573 ( 2.3)	3252 ( 2.2)	1321 ( 2.4)	0.017		0.012
CHF = 1 (%)	6613 ( 3.3)	5229 ( 3.6)	1384 ( 2.5)	<0.001		0.062
CVA = 1 (%)	6646 ( 3.3)	5476 ( 3.8)	1170 ( 2.1)	<0.001		0.096
Diabetic_ketoacidosis = 1 (%)	4792 ( 2.4)	4115 ( 2.8)	677 ( 1.2)	<0.001		0.113
MI = 1 (%)	7227 ( 3.6)	6085 ( 4.2)	1142 ( 2.1)	<0.001		0.120
Rhythm_disturbance = 1 (%)	4824 ( 2.4)	3906 ( 2.7)	918 ( 1.7)	<0.001		0.069
Sepsis_renal = 1 (%)	5269 ( 2.6)	4375 ( 3.0)	894 ( 1.6)	<0.001		0.091
Sepsis_pulmonary = 1 (%)	8858 ( 4.4)	7091 ( 4.9)	1767 ( 3.2)	<0.001		0.083

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apache_other = 1 (%)	147035 (73.4)	102074 (70.1)	44961 (82.1)	<0.001		0.286
teachingstatus = 1 (%)	51568 (25.7)	40153 (27.6)	11415 (20.9)	<0.001		0.157