Supplemental material

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J Investig Med

Supplementary Table S2: Predictors of ICU admission

Effect	Effect level	OR(95%CI)
Age	75-84	0.77(0.76,0.78)
	≥ 85	0.54(0.53,0.55)
	65-74	reference
Gender	Female	0.91(0.89,0.92)
	Male	reference
Marital status	Other	0.95(0.91,0.99)
	Single	0.99(0.97,1)
	Unknown	1.12(0.9,1.39)
	Married	reference
Race	Black	1.01(0.98,1.04)
	Hispanic	0.88(0.81,0.97)
	Others	1.09(1.06,1.12)
	Unknown	0.93(0.71,1.21)
	White	reference
Insurance status	Commercial Indemnity	1.02(0.96,1.08)
	Managed Care	1.02(0.98,1.06)
	Medicaid	1.12(1.06,1.18)
	Others	1.08(1.02,1.14)
	Medicare	reference
DIALYSIS		0.95(0.92,0.98)
Admit from SNF/ICF		1.25(1.22,1.28)
Combined comorbidities		1.22(1.21,1.22)
COPD		0.92(0.91,0.93)
Congestive heart failures		1.15(1.13,1.17)
Diabetes		1.05(1.03,1.07)
Obesity		1.27(1.24,1.3)
Solid tumor w/out metastasis		1.11(1.03,1.19)
Metastatic cancer		0.4(0.39,0.42)
Liver disease		1.1(1.05,1.15)
Low functional status		1.34(1.32,1.36)
Paralysis		1.21(1.17,1.25)
Smoker		1.25(1.22,1.28)
Pressure ulcer		1.41(1.38,1.45)
Dementia		0.73(0.72,0.74)
UTI		1.39(1.37,1.42)
DNR		1.07(1.05,1.09)
Teaching hospital	NO	1.02(0.87,1.18)
	YES	reference
Urban/rural	RURAL	0.87(0.75,1.01)

Effect	Effect level	OR(95%CI)
	URBAN	reference
Bed size	201 - 400 Beds	1.22(1.06,1.4)
	≥ 401 Beds	1.17(0.98,1.39)
	≤ 200 Beds	reference
Hospital region	MIDWEST	1(0.83,1.21)
	NORTHEAST	0.73(0.59,0.91)
	SOUTH	1(0.85,1.18)
	WEST	reference