

Table. Comparison of adjusted odds ratios from main analyses (generalized estimating equations) and sensitivity analyses (limited to one admission per patient)

Characteristics	Mental health assessment outcome				Discharge disposition outcome			
	Main GEE analysis		Sensitivity analysis		Main GEE analysis		Sensitivity analysis	
	AOR	95% CI	AOR	95% CI	AOR	95% CI	AOR	95% CI
Patient								
Age (years) (reference: 18-24)								
25-34	.91	.51-1.60	.96	.54-1.70	.80	.61-1.09	.81	.60-.1.10
35-44	1.06	.60-1.85	1.05	.60-1.84	.87	.66-1.14	.85	.64-1.14
45-54	1.08	.62-1.89	1.14	.64-2.00	.66**	.51-.90	.65**	.49-.88
55-64	.75	.41-1.39	.77	.41-1.43	.75	.54-1.07	.77	.55-1.09
Gender (reference: male)								
Female	1.07	.75-1.54	1.00	.70-1.44	1.10	.92-1.31	1.11	.93-1.34
Race (reference: non-Hispanic white)								
Non-Hispanic black	.52**	.34-.81	.52**	.34-.81	.60***	.47-.77	.57***	.44-.74
Other race	.24***	.12-.49	.28***	.14-.57	1.07	.66-1.73	1.11	.67-1.81
Insurance payer (reference: uninsured)								
Medicare	.97	.58-1.62	1.00	.60-1.68	3.06***	2.36-3.96	3.08***	2.33-4.06
Medicaid	1.37	.82-2.32	1.46	.85-2.49	1.02	.80-1.29	.93	.72-1.19
Private	.80	.52-1.25	.84	.54-1.30	2.78***	2.23-3.47	2.82***	2.23-3.56
Other payer	.62	.24-1.59	.63	.25-1.61	7.56***	4.21-13.6	6.78***	3.83-12.0
Hospitalization								
Drug ingested (reference: opioids or sedative-hypnotics)								
Drugs with high abuse or misuse liability ^b	1.69*	1.03-2.78	1.78*	1.07-2.97	1.19	.95-1.50	1.25	.99-1.58
Other drugs, medicinals, or biologicals	1.07	.74-1.55	1.09	.75-1.59	1.07	.87-1.30	1.07	.87-1.31
Length of stay	1.03	.98-1.07	1.04	.98-1.10	.97**	.95-.99	.97*	.94-.99
Weekend admission (reference: weekday admission)	.97	.67-1.38	.94	.65-1.36	N/A	N/A	N/A	N/A
Weekend discharge (reference: weekday discharge)	N/A	N/A	N/A	N/A	1.07	.85-1.35	1.04	.82-1.33

Abbreviations: GEE, generalized estimating equations; AOR, adjusted odds ratio; CI, confidence interval.

a Models adjusted for patient and hospitalization characteristics, recent mental health services, and hospital fixed effects. Model examining disposition outcome additionally adjusted for presence of mental disorder during hospitalization.

b These drugs include central nervous system (CNS) stimulants, psychotropic agents, and other CNS depressants and anesthetics.

*p<.05, **p<.01, ***p<.001