

Table 1. Multivariable regression of any arrest on prior medication possession and outpatient services utilization¹

Characteristic	Any Arrest		
	OR	95% CI	Sig.
<i>Time</i>			
Month	1.00	(0.99- 1.00)	
<i>Demographic factors</i>			
Male	2.36	(1.76- 3.15)	***
Race/ethnicity, white [Reference]	-	--	--
Race/ethnicity, black	1.77	(1.21- 2.58)	**
Race/ethnicity, Hispanic	0.99	(0.66- 1.49)	
Race/ethnicity, other	0.80	(0.50- 1.28)	
Age	0.99	(0.98- 1.00)	
<i>Prior arrest</i>			
Yes	4.39	(3.29- 5.87)	***
<i>Clinical and treatment factors</i>			
Bipolar diagnosis [Reference]	-	--	--
Schizophrenia	1.07	(0.73- 1.56)	
Index hospitalization LOS	0.99	(0.97- 1.01)	
90 day medication compliance post-index hosp, 0 days [Reference]	-	--	--
90 day medication compliance post-index hosp, 1-30 days	1.33	(0.93- 1.90)	
90 day medication compliance post-index hosp, 31-60 days	0.91	(0.58- 1.41)	
90 day medication compliance post-index hosp, 61-90 days	0.89	(0.62- 1.27)	
Medication possession 80% or greater (monthly, yes/no)	0.80	(0.65- 0.99)	*
Outpatient services utilized (monthly, continuous)	0.98	(0.95- 1.00)	*

¹ Models control for main effect of county

N=1,265 individuals; N=82,503 person-month observations

Table 2. Monthly mean costs by MPR during 90 days after discharge from index hospitalization

Medication possession first 90 days:	90/90 days ¹		60/90 days ²		30/90 days ³		0/90 days ⁴		All groups estimated total	
	Mean	Std Dev	Mean	Std Dev	Mean	Std Dev	Mean	Std Dev	Mean	Std Dev
Inpatient	\$1,014	\$3,702	\$839	\$3,582	\$948	\$3,840	\$466	\$2,491	\$848	\$3,672
Emergency services	\$8	\$79	\$9	\$74	\$12	\$89	\$7	\$59	\$9	\$73
Outpatient	\$539	\$1,678	\$346	\$1,270	\$243	\$1,617	\$178	\$1,155	\$384	\$1,913
Targeted case management	\$175	\$620	\$117	\$455	\$133	\$777	\$43	\$282	\$129	\$640
Psychiatric assessment	\$20	\$100	\$19	\$110	\$17	\$112	\$13	\$98	\$18	\$110
Psychiatric medication	\$443	\$426	\$289	\$367	\$186	\$312	\$82	\$216	\$300	\$492
Arrest	\$65	\$449	\$86	\$521	\$95	\$527	\$100	\$540	\$81	\$482
Incarceration	\$74	\$482	\$106	\$590	\$123	\$630	\$155	\$712	\$105	\$570
Estimated total average costs	\$2,339	\$7,535	\$1,810	\$5,394	\$1,757	\$5,938	\$1,043	\$2,477	\$1,872	\$6,366

¹ N=637, N=38,671 person-months² N=240, N=14,518 person-months³ N=174, N=10,475 person-months⁴ N=316, N=18,839 person-months