

Supplemental Digital Content 1. Post Hoc Analysis: Adjusted Odds of Retention in Care and Undetectable Viral Load by Arrest, Mental Health Diagnosis, Substance Use, and Clinical Care Utilization (All Types) for People Living with HIV in Marion County, Indiana in 2018 (n=5140).

Model	Outcome: Odds of retention in care				Outcome: Odds of undetectable viral load			
	aOR	95% CI		P	aOR	95% CI		P
Arrest history	1.16	0.95	1.42	NS	0.97	0.79	1.19	NS
Mental health history	1.04	0.88	1.23	NS	0.93	0.79	1.10	NS
Arrest*mental health history	1.07	0.81	1.41	NS	0.94	0.71	1.25	NS
Substance use history	0.89	0.75	1.06	NS	0.76	0.64	0.90	<0.05
Routine visits = 1	1.05	0.87	1.26	NS	1.16	0.96	1.40	NS
Routine visits = 2	1.45	1.15	1.84	NS	1.22	0.97	1.55	NS
Routine visits = 3-4	1.34	1.05	1.70	NS	1.59	1.24	2.04	<0.05
Routine visits = 5-8	1.29	0.95	1.75	NS	1.49	1.09	2.03	NS
Routine visits = 9+	1.43	1.00	2.02	NS	1.26	0.89	1.79	NS
Outpatient visits = 1-9	4.82	3.52	6.60	<0.05	5.20	3.83	7.06	<0.05
Outpatient visits = 10-24	7.25	5.25	10.01	<0.05	9.71	7.10	13.30	<0.05
Outpatient visits = 25-49	11.82	8.52	16.40	<0.05	14.92	10.82	20.57	<0.05
Outpatient visits = 50-99	14.74	10.35	20.99	<0.05	19.85	14.00	28.13	<0.05
Outpatient visits = 100+	17.44	11.46	26.53	<0.05	28.58	18.76	43.52	<0.05
Inpatient stays = 1	1.14	0.94	1.39	NS	1.26	1.03	1.54	NS
Inpatient stays = 2	0.96	0.78	1.18	NS	0.86	0.70	1.07	NS
Inpatient stays = 3-4	1.13	0.91	1.41	NS	0.95	0.76	1.19	NS
Inpatient stays = 5-24	0.70	0.57	0.87	<0.05	0.84	0.68	1.04	NS
Inpatient stays = 25+	0.60	0.32	1.14	NS	0.56	0.29	1.08	NS
Emergency department visits = 1	1.09	0.88	1.34	NS	1.08	0.88	1.33	NS
Emergency department visits = 2	1.16	0.92	1.46	NS	1.23	0.97	1.55	NS
Emergency department visits = 3-4	1.04	0.83	1.30	NS	0.96	0.77	1.20	NS
Emergency department visits = 5-8	1.06	0.85	1.32	NS	0.98	0.79	1.22	NS
Emergency department visits = 9+	1.22	0.97	1.54	NS	0.85	0.67	1.07	NS

Notes. aOR = adjusted odds ratio; CI = confidence interval; Exponentiated coefficients; Bonferroni-corrected p-values; Multivariable logistic regression models adjusted for age, race/ethnicity, and sex. 143 observations were deleted due to missing values for the response or explanatory variables.