

Appendix

Table S1 Predictors of loss to follow up and censoring due to missed visits among 1525 African American injection drug users with 8181 person-years of follow up, ALIVE cohort, 1988 – 2008.

Characteristic: ^a	Crude Hazard Ratio (95% CL ^b)	Adjusted ^c Hazard Ratio (95% CL ^b)
Age, years		
>37	0.86 (0.76, 0.99)	0.88 (0.76, 1.01)
≤37	1.	1.
Female sex		
Yes	1.00 (0.86, 1.16)	1.00 (0.86, 1.17)
No	1.	1.
Education, years		
>10	1.02 (0.89, 1.16)	1.02 (0.89, 1.17)
≤10	1.	1.
Cocaine ^d		
Yes	0.98 (0.85, 1.13)	0.82 (0.69, 0.98)
No	1.	1.
Number of sexual partners		
>1	1.24 (1.02, 1.50)	1.25 (1.02, 1.53)
1	1.06 (0.88, 1.27)	1.08 (0.90, 1.29)
0	1.	1.
Male having sex with a man		
Yes	1.44 (0.72, 2.89)	1.33 (0.66, 2.69)
No	1.	1.
Any sexually transmitted infections ^e		
Yes	0.79 (0.47, 1.34)	0.72 (0.43, 1.23)
No	1.	1.
Number of drug injections/day		
>1	1.44 (1.23, 1.69)	1.56 (1.30, 1.88)
1	1.09 (0.91, 1.31)	1.18 (0.97, 1.44)
0	1.	1.
Attended shooting gallery		
Yes	1.41 (1.10, 1.80)	1.29 (1.00, 1.67)
No	1.	1.
Number of drinks/week in prior 2 years		
51-140	0.90 (0.70, 1.17)	0.80 (0.61, 1.05)
21-50	0.92 (0.74, 1.14)	0.87 (0.69, 1.09)
6-20	0.84 (0.69, 1.02)	0.83 (0.68, 1.02)
1-5	0.92 (0.76, 1.12)	0.92 (0.76, 1.13)
0	1.	1.

^aFor prior visit unless noted otherwise.

^bCL, confidence limits.

^cAdjusted for all covariates included in table.

^dCrack, snort cocaine, inject cocaine alone, and speedball.

^eGenital herpes simplex virus, genital warts, gonorrhea, or syphilis.

Table S2 Association between alcohol consumption in the prior six months and throughout follow up with HIV acquisition among 1525 African American injection drug users with 8181 person-years of follow up, ALIVE cohort, 1988 – 2008.

	Crude		Weighted ^b	
	Incidence Rate /100 PY ^a	Hazard Ratio (95% CL ^a)	Incidence Rate /100 PY ^a	Hazard Ratio (95% CL ^a)
Drinks/week, prior 6 months:				
51-140	3.99	2.76 (1.69, 4.51)	3.52	2.10 (1.25, 3.53)
21-50	2.59	1.85 (1.14, 3.02)	2.38	1.45 (0.88, 2.40)
6-20	1.86	1.42 (0.88, 2.27)	1.88	1.22 (0.74, 2.01)
1-5	1.71	1.32 (0.79, 2.20)	1.87	1.12 (0.66, 1.88)
0	1.22	1.	1.38	1.
P value for trend		3.4×10 ⁻⁵		1.9×10 ⁻³
Drinks/week, prior follow up:				
51-140	3.63	3.33 (1.63, 6.79)	3.10	2.25 (1.06, 4.80)
21-50	2.19	2.22 (1.11, 4.44)	2.18	1.63 (0.78, 3.41)
6-20	1.95	1.97 (0.99, 3.90)	2.00	1.42 (0.70, 2.89)
1-5	1.29	1.33 (0.65, 2.75)	1.43	1.10 (0.52, 2.35)
0	1.01	1.	1.26	1.
P value for trend		5.1×10 ⁻⁵		2.4×10 ⁻³

^aPY, person-years; CL, confidence limits.

^bAccounting for: cocaine use, shooting gallery attendance, sex, age at entry, years of formal education, number of sexual partners, being a male having sex with a male, history of sexually transmitted infections, and daily frequency of drug injections; value at prior visit used for time-varying covariates.