

Supplementary Table. Cox proportional hazard models of time to readmission within 30 days

	Univariate Hazard Ratios (95% CI)	Multivariate Model Stratified on Variables with Non-Proportional Hazard (year of hospitalization, CD4 count, length of stay, and diagnostic category) Multivariate Hazard Ratios (95% CI)
Outpatient Follow-up Visit*		
No	1.00 (Ref)	1.00 (Ref)
Yes	1.00 (0.90, 1.10)	0.98 (0.88, 1.08)
U.S. Geographic Region		
Northeast	1.00 (Ref)	1.00 (Ref)
South	1.07 (0.96, 1.19)	1.06 (0.94, 1.20)
West	0.97 (0.87, 1.09)	1.02 (0.89, 1.16)
Midwest	0.79 (0.44, 1.41)	1.20 (0.65, 2.21)
Age group (years)		
18 – 34	1.00 (Ref)	1.00 (Ref)
35 – 44	1.21 (1.03, 1.42)	1.14 (0.97, 1.34)
45 – 54	1.17 (1.00, 1.36)	1.13 (0.95, 1.33)
55 – 64	1.17 (0.98, 1.39)	1.13 (0.94, 1.36)
≥ 65	1.08 (0.83, 1.41)	1.14 (0.85, 1.53)
Gender		
Male	1.00 (Ref)	1.00 (Ref)
Female	1.02 (0.93, 1.12)	1.03 (0.93, 1.13)
Race / Ethnicity		
White / Other†	1.00 (Ref)	1.00 (Ref)
Non-Hispanic Black	1.12 (1.00, 1.25)	1.05 (0.93, 1.19)
Hispanic	1.03 (0.91, 1.18)	1.03 (0.89, 1.18)
IDU as HIV Risk Factor		
No	1.00 (Ref)	1.00 (Ref)
Yes	1.06 (0.96, 1.16)	1.05 (0.94, 1.16)
HIV RNA (copies/mL)		
< 400	0.87 (0.80, 0.96)	1.08 (0.97, 1.20)
≥ 400 or unknown	1.00 (Ref)	1.00 (Ref)
ART use at discharge		
None	1.00 (Ref)	1.00 (Ref)
Discharged on ART after being admitted on ART	0.93 (0.85, 1.01)	0.92 (0.83, 1.01)
Discharged on ART when not admitted on ART	1.49 (1.16, 1.92)	1.04 (0.79, 1.38)
Primary Insurance		
Medicaid	1.00 (Ref)	1.00 (Ref)
Medicare	0.93 (0.83, 1.03)	0.95 (0.85, 1.07)
Private	0.82 (0.69, 0.98)	0.80 (0.67, 0.96)
Uninsured / Ryan White	0.51 (0.36, 0.70)	0.56 (0.41, 0.77)
Missing / Unknown	0.85 (0.74, 0.98)	0.79 (0.67, 0.93)

* Outpatient visit within 30 days of index discharge and prior to any readmission

† Other/unknown race was combined with White for analysis