

Supplemental Table 1. Dementia types identified at incident diagnosis among people with HIV ^a

Dementia type	n (%)
Alzheimer's disease	12 (1.8)
Vascular dementia	88 (13.4)
Parkinson's dementia	2 (0.3)
Dementia with Lewy bodies	2 (0.3)
Frontotemporal dementia	0 (0.0)
Other specified dementia	247 (37.5)
Unspecified dementia	308 (46.7)

^a Dementia types are shown for 618 people with HIV. Individuals could have more than one dementia type diagnosed.

Supplemental Table 2. Adjusted hazard ratios (aHR) and 95% confidence intervals (CI) for covariates in fully adjusted model of dementia risk

Variable ^a	aHR (95% CI)
<u>Low pre-ART CD4 count</u>	1.33 (1.13-1.57)
Female (Ref: Male)	0.95 (0.73-1.23)
Race/ethnicity (Ref: White)	
Black, non-Hispanic	1.06 (0.84-1.34)
Hispanic	0.86 (0.67-1.10)
Asian/PI, non-Hispanic	0.52 (0.27-0.98)
Other or unknown	1.29 (0.93-1.79)
Lower neighborhood-level education ^a	1.16 (0.92-1.46)
Smoking, ever	1.01 (0.85-1.19)
Substance use disorder	1.28 (1.03-1.59)
Cardiovascular disease	1.54 (1.18-2.00)
Hypertension	1.03 (0.87-1.23)
Diabetes mellitus	1.36 (1.10-1.69)
Depression	1.59 (1.33-1.90)
Hepatitis C infection	1.33 (1.05-1.68)
Kaiser Permanente region (Ref: Northern California)	
Southern California	0.76 (0.62-0.94)
Mid-Atlantic States	1.09 (0.82-1.44)

Number of healthcare encounters in prior year, mean (SD)	1.010 (1.005-1.014)
Year diagnosed with HIV infection (Ref: Before 2000)	
2000-2014	0.71 (0.59-0.85)
2015 or after	0.39 (0.23-0.68)
HIV RNA level at baseline (Ref: <200 copies/ml)	
200-9,999	1.53 (1.19-1.95)
≥10,000	1.86 (1.50-2.31)

^a Estimates were calculated using Fine-Gray subdistribution hazard models, with age as the time scale.