

Table 3 Adjusted analysis of HIV-specific renal predictors, PLWH cohort

HIV-specific characteristics	PLWH (n=598)	Cases (n=22)	Odds Ratio [95%CI] eGFR ≤ 60 mL/min/1.73m ²
Mode of transmission, n (%) (Ref MSM)	457 (76.4)	9 (40.9)	Ref
– Heterosexual	110 (18.4)	9 (40.9)	2.0 [0.4-9.7]
– Other	25 (4.2)	4 (18.2)	8.0 [1.2-51.4]
Current CD4*, median (IQR) (by 100 higher)	700 (521-900)	-	1.0 [0.8-1.2]
Current CD4*, n (%) (Ref ≥500)	472 (79)	14 (63.6)	
– < 200	15 (2.5)	0 (0)	NA**
– 200-349	33 (5.5)	3 (13.6)	7.9 [1.1-56.8]
– 350-499	78 (13.0)	5 (22.7)	1.4 [0.3-6.9]
CD4 nadir*, n (%) (Ref <200)	245 (41.0)	15 (68.2)	Ref
– 200-349	218 (36.5)	6 (2.8)	0.8 [0.2-2.8]
– ≥350	135 (22.6)	1 (0.7)	0.1 [0.01-2.1]
Prior TDF use, n (%)	100 (16.7)	9 (40.1)	***
Current TDF use, years, median (IQR)	3.8 (1.7-6.3)	-	***
Current TDF use < 1 year	64 (10.7)	1 (4.5)	***
Current TDF use > 1 - ≤ 3 years	85 (14.2)	0	***
Current TDF use > 3 - ≤ 6 years	122 (20.4)	3 (13.6)	***
Current TDF use > 6 years	102 (17.1)	3 (13.6)	***
Prior ATV use, use, n (%)	89 (14.9)	4 (18.2)	***
Current ATV use, years, median (IQR)	8.1 (5.1-9.8)	-	***
Current ATV use < 1 year	3 (0.5)	0	***
Current ATV use > 1 - ≤ 4 years	6 (1.0)	0	***
Current ATV use > 4 - ≤ 8 years	24 (4.0)	0	***
Current ATV use > 8 years	33 (5.5)	2 (9.1)	***
Prior LPV use, n (%)	73 (12.2)	5 (22.7)	***
Current LPV use, years, median (IQR)	****	-	***
Time since HIV diagnosis, months, median (IQR), (by 1 additional year)	169 (87-263)	-	1.1 [0.9-1.1]
History of AIDS, n (%), (yes vs. no)	100 (16.9)	7 (31.8)	1.8 [0.5-6.7]

Abbreviations: MSM, men who have sex with men; AIDS, acquired immune deficiency syndrome

Full model adjusted for age, sex, HIV, BMI, pack years, diabetes and hypertension

* cells per μL

** Models did not convene due to low numbers

*** Underpowered to investigate drug associations

**** Only two individuals were currently on LPV, but none of the cases