

Supplemental Table S1a. Models to assess impact of body composition and sex on calcified plaque indices among persons with HIV

	CAC score		Total Calcified Plaque Volume	
	β estimate	P Value	β estimate	P Value
	Model 1 ($r^2=0.13$, $P=.005$)		Model 1 ($r^2=0.13$, $P=.005$)	
VAT to SAT ratio ^a	58.224	.0008	49.908	.0007
Male Sex	-5.628	.49	-5.204	.47
CD4 T cell count (cells/ μ l)	-0.003	.90	-0.002	.90
HIV VL (copies/mL)	0.002	.62	0.001	.67
	Model 2 ($r^2=0.07$, $P=.05$)		Model 2 ($r^2=0.07$, $P=.06$)	
VAT (cm ²)	0.140	.04	0.121	.04
Male Sex	9.009	.24	7.388	.28
CD4 T cell count (cells/ μ l)	-0.009	.70	-0.008	.68
HIV VL (copies/mL)	0.001	.80	0.001	.87
	Model 3 ($r^2=0.06$, $P=.13$)		Model 3 ($r^2=0.06$, $P=.14$)	
SAT (cm ²)	-0.077	.16	-0.071	.14
Male Sex	11.565	.13	9.729	.15
CD4 T cell count (cells/ μ l)	0.004	.85	0.004	.85
HIV VL (copies/mL)	0.002	.67	0.001	.74

Abbreviations: CAC, coronary artery calcium; VAT, visceral adipose tissue; SAT, subcutaneous adipose tissue; VL, viral load.

^a9 outliers excluded for change as per Tukey Method

Supplemental Table S1b. Models to assess impact of body composition, sex, and traditional CVD risk factors on calcified plaque indices among persons with HIV

	CAC score		Total Calcified Plaque Volume	
	β estimate	P Value	β estimate	P Value
	Model 1 ($r^2=0.21$, $P=.0001$)		Model 1 ($r^2=0.22$, $P<.0001$)	
VAT to SAT ratio ^a	47.703	.006	39.996	.006
Male Sex	-10.603	.19	-9.500	.18
Framingham estimate of 10-yr CHD risk (%)	3.781	.007	3.465	.004
CD4 T cell count (cells/ μ l)	-0.005	.81	-0.004	.81
HIV VL (copies/mL)	0.011	.09	0.009	.12
	Model 2 ($r^2=0.18$, $P=.0004$)		Model 2 ($r^2=0.19$, $P=.0004$)	
VAT (cm ²)	0.140	.05	0.119	.05
Male Sex	-0.378	.96	-0.827	.91
Framingham estimate of 10-yr CHD risk (%)	4.520	.003	4.075	.002
CD4 T cell count (cells/ μ l)	-0.011	.61	-0.010	.58
HIV VL (copies/mL)	0.012	.12	0.009	.16
	Model 3 ($r^2=0.16$, $P=.001$)		Model 3 ($r^2=0.17$, $P=.0009$)	
SAT (cm ²)	-0.063	.24	-0.060	.21
Male Sex	1.542	.84	0.851	.90
Framingham estimate of 10-yr CHD risk (%)	5.027	.0008	4.501	.0004
CD4 T cell count (cells/ μ l)	-0.001	.98	-0.001	.96
HIV VL (copies/mL)	0.001	.20	0.008	.25

Abbreviations: CAC, coronary artery calcium; VAT, visceral adipose tissue; SAT, subcutaneous adipose tissue; VL, viral load.

^a9 outliers excluded for change as per Tukey Method