APPENDIX TABLE 1. Sensitivity Analyses: Different models for the effect of Geographical Origin (Ref. Natives): HR or OR (95%CI) shown separately by gender. Interaction was tested using the likelihood ratio and the significance level is given by lrtest p-value.

MAIN MODEL(presented in the paper): is Cox regression for CD4 counts to cART initiation considering the minimum CD4 count during follow-up and before cART as the outcome CD4 (as shown in main results of the paper). **MODEL (a)**: is a model similar to the main model, but considering last recorded CD4 measurement carried forward for those who start cART. **MODEL (b)**: is a model similar to the main model, but where patients were considered late entries at the first recorded CD4; only the subsample of patients with two CD4 count measurements of different values where included. **MODEL (c)**: is a model similar to the main model, but outcome CD4 counts were predicted using mixed models with random intercepts and slopes. **MODEL (d)**: is a model similar to the main model, but where seroconverter-only cohorts (recruiting patients with a negative test within 3 years of their first HIV diagnosis) PRIMO, SEROCO and CASCADE have been excluded. **MODEL (e)**: is a model similar to the main model, but excluding UK CHIC and SHCS to assess the impact of possible misclassification in deriving GO from ethnicity. **MODEL (f):** Similar to the main model but restricted to patients recruited after 01st January 2004. **MODEL (g):** is a model similar to the main model, but HBVc antibodies have not been considered a criteria for Hepatitis B infection. **MODEL (h)**: is a model similar to the main model, but HBV coinfection was assessed only in the window up to 6 months after cohort entry (vs. main model that used information during follow-up assuming it represented the HBV status at baseline, if no prior information). **MODEL (i):** Similar to the main model but for adjusting by transmission route, other routes were grouped with unknown (instead of IDUs).

All models are adjusted by baseline variables: calendar period, age, transmission category, viral load, AIDS stage, and hepatitis B and hepatitis C infection. *Models also adjusted by first recorded CD4 cell count. Shaded cells indicate effects with p-value <0.05.

	MEN	MAIN MODEL	MODEL (a)	MODEL (b)	MODEL (c)	MODEL (d)
	Sample size	110,592	110,592	63,533	110,592	106,239
WEWC	Without interaction	0.94 [0.90-0.99] *	0.95 [0.91-1.00]*	0.90 [0.84-0.96]	0.90 [0.86-0.94]*	0.93 [0.90-0.98] *
	lrtest p-value	p=0.9603	p =0.9044	-	p =0.0005	p =0.8877
	Baseline CD4 cell count (µL) >500 cells	0.94 [0.86-1.04]	0.96 [0.87-1.05]	-	0.76 [0.69-0.83]	0.94 [0.86-1.04]
	350-500	0.93 [0.84-1.02]	0.96 [0.87-1.06]		0.94 [0.85-1.04]	0.91 [0.82-1.00]
	250-350	0.93 [0.83-1.04]	0.92 [0.93-1.03]		0.96 [0.86-1.07]	0.92 [0.82-1.02]
	100-250	0.95 [0.86-1.04]	0.94 [0.85-1.04]		0.93 [0.84-1.02]	0.94 [0.86-1.04]
	<100	0.97 [0.89-1.07]	0.99 [0.90-1.09]		0.98 [0.90-1.08]	0.97 [0.88-1.07]
EE	Without interaction	0.87 [0.80-0.93]*	0.86 [0.80-0.93]*	0.85 [0.76-0.94]	0.95 [0.88-1.02]*	0.87 [0.81-0.94]*
	lrtest p-value	p =0.0362	p =0.0157	-	p =0.9912	p =0. 0445
	Baseline CD4 cell count (µL) >500 cells	0.70 [0.60-0.83]	0.68 [0.58-0.80]	-	0.94 [0.80-1.11]	0.70 [0.60-0.83]
	350-500	0.89 [0.76-1.03]	0.92 [0.80-1.07]		0.94 [0.81-1.09]	0.89 [0.76-1.03]
	250-350	0.96 [0.82-1.13]	0.92 [0.79-1.09]		0.96 [0.82-1.13]	0.96 [0.81-1.13]
	100-250	0.96 [0.82-1.14]	0.96 [0.82-1.13]		0.96 [0.82-1.13]	0.98 [0.83-1.15]
	<100	0.88 [0.72-1.07]	0.90 [0.74-1.10]		0.91 [0.74-1.10]	0.88 [0.72-1.07]
-NAME	Without interaction	0.92 [0.88-0.97]*	0.92 [0.87-0.97]*	0.91 [0.84-0.99]	0.90 [0.85-0.95]*	0.92 [0.87-0.97]*
	lrtest p-value	p =0.1845	p =0.4511	-	p = 0.0069	p =0. 0793
	Baseline CD4 cell count (µL) >500 cells	0.83 [0.73-0.94]	0.86 [0.76-0.97]	-	0.74 [0.65-0.83]	0.82 [0.72-0.93]
	350-500	0.88 [0.77-1.00]	0.87 [0.76-0.99]		0.93 [0.81-1.05]	0.86 [0.75-0.98]
	250-350	0.97 [0.85-1.11]	0.97 [0.84-1.11]		0.93 [0.81-1.06]	0.97 [0.85-1.11]
	100-250	1.01 [0.90-1.12]	0.98 [0.88-1.09]		0.99 [0.89-1.10]	1.02 [0.92-1.14]
	<100	0.93 [0.83-1.03]	0.92 [0.83-1.02]		0.92 [0.83-1.02]	0.93 [0.84-1.03]
SSA	Without interaction	0.90 [0.87-0.92]*	0.89 [0.87-0.91]*	0.96 [0.92-0.99]	0.86 [0.84-0.88]*	0.90 [0.88-0.92]*
	lrtest p-value	p =0.0000	p =0.0000	-	p =0.0000	p =0.0000
	Baseline CD4 cell count (µL) >500 cells	0.75 [0.70-0.81]	0.78 [0.72-0.84]	-	0.77[0.72-0.83]	0.77 [0.71-0.82]
	350-500	0.80 [0.76-0.85]	0.79 [0.74-0.83]		0.76 [0.71-0.81]	0.80 [0.76-0.85]
	250-350	0.96 [0.91-1.02]	0.93 [0.88-0.99]		0.90 [0.85-0.95]	0.97 [0.91-1.03]
	100-250	0.98 [0.93-1.02]	0.97 [0.93-1.01]		0.94 [0.90-0.98]	0.97 [0.93-1.02]
	<100	0.90 [0.86-0.94]	0.90 [0.86-0.94]		0.87 [0.83-0.91]	0.90 [0.86-0.95]
LA	Without interaction	0.98 [0.95-1.02]*	0.96 [0.92-1.00]*	0.97 [0.92-1.02]	0.91 [0.87-0.94]*	0.99 [0.95-1.03]*
	lrtest p-value	p =0.5615	p =0.4046	-	p =0.2214	p =0.5059
	Baseline CD4 cell count (µL) >500 cells	0.97 [0.89-1.05]	0.91 [0.83-0.99]	-	0.94 [0.86-1.02]	0.99 [0.91-1.08]
	350-500	1.01 [0.93-1.09]	0.98 [0.90-1.06]		0.94 [0.86-1.02]	1.03 [0.94-1.11]
	250-350	1.03 [0.94-1.12]	0.99 [0.90-1.07]		0.93 [0.85-1.02]	1.02 [0.94-1.12]
	100-250	0.94 [0.87-1.01]	0.93 [0.86-1.01]		0.84 [0.77-0.90]	0.94 [0.87-1.01]
	<100	0.99 [0.91-1.08]	1.00 [0.92-1.09]		0.91 [0.83-0.99]	0.99 [0.91-1.08]
CRB	Without interaction	0.77 [0.73-0.82]*	0.75 [0.71-0.80]*	0.78 [0.72-0.84]	0.76 [0.72-0.80]	0.78 [0.74-0.83]*
	lrtest p-value	p =0.0000	p =0.0000	-	p =0.0000	p =0.0000
	Baseline CD4 cell count (µL) >500 cells	0.55 [0.47-0.64]	0.53 [0.46-0.62]	-	0.53 [0.46-0.62]	0.57 [0.49-0.67]
	350-500	0.60 [0.53-0.69]	0.57 [0.50-0.65]		0.61 [0.53-0.70]	0.59 [0.51-0.68]
	250-350	0.85 [0.73-0.98]	0.86 [0.75-0.99]		0.88 [0.76-1.01]	0.85 [0.74-0.99]
	100-250	0.97 [0.87-1.08]	0.96 [0.86-1.08]		0.94 [0.84-1.05]	0.97 [0.87-1.08]
	<100	0.90 [0.81-0.99]	0.87 [0.78-0.96]		0.84 [0.76-0.94]	0.89 [0.81-0.99]
ASIA/ OC	Without interaction	0.94 [0.89-1.00]*	0.94 [0.89-1.00]*	0.98 [0.90-1.05]	0.95 [0.90-1.01]*	0.94 [0.89-1.00]*
	lrtest p-value	p =0.4654	p =0.1678	-	p =0.9399	p =0.4692
	Baseline CD4 cell count (µL) >500 cells	0.85 [0.75-0.98]	0.82 [0.72-0.94]	-	0.95 [0.83-1.09]	0.85 [0.73-0.98]
	350-500	0.96 [0.85-1.08]	0.94 [0.83-1.06]		1.00 [0.89-1.13]	0.96 [0.85-1.08]
	250-350	0.92 [0.81-1.04]	0.93 [0.82-1.05]		0.96 [0.84-1.09]	0.92 [0.81-1.04]
	100-250	1.00 [0.89-1.12]	1.01 [0.90-1.13]		0.94 [0.83-1.05]	0.99 [0.89-1.12]
	<100	0.98 [0.87-1.09]	1.00 [0.89-1.11]		0.93 [0.84-1.04]	0.97 [0.87-1.08]

MEN (cont.)		MODEL (e)	MODEL (f)	MODEL (g)	MODEL (h)	MODEL (i)
Sample size		90,990	66,009	110,592	110,592	110,592
WEWC	Without interaction	0.91 [0.87-0.95] *	0.92 [0.87-0.97]	0.94 [0.90-0.98]*	0.94 [0.90-0.98]*	0.94 [0.90-0.99]*
	lrtest p-value	p =0.1904	p = 0.5269	p=0.9605	p=0.9539	p =0.9604
	Baseline CD4 cell count (µL) >500 cells	0.89 [0.81-0.97]	0.87 [0.78-0.98]	0.95 [0.86-1.04]	0.94 [0.86-1.04]	0.95 [0.86-1.04]
	350-500	0.85 [0.77-0.94]	0.86 [0.76-0.98]	0.92 [0.84-1.02]	0.92 [0.83-1.02]	0.93 [0.84-1.02]
	250-350	0.88 [0.79-0.98]	0.99 [0.87-1.14]	0.93 [0.83-1.03]	0.93 [0.83-1.03]	0.93 [0.83-1.04]
	100-250	0.95 [0.86-1.04]	0.92 [0.81-1.04]	0.94 [0.85-1.04]	0.94 [0.85-1.04]	0.95 [0.86-1.05]
	<100	0.99 [0.90-1.08]	0.96 [0.85-1.08]	0.97 [0.88-1.07]	0.97 [0.88-1.06]	0.97 [0.86-1.07]
EE	Without interaction	0.84 [0.78-0.90]*	0.94 [0.87-1.02]	0.86 [0.79-0.92]*	0.86 [0.79-0.92]*	0.86 [0.80-0.93]*
	lrtest p-value	p =0.0129	p = 0.6759	p=0.0344	p=0.0365	p =0.0303
	Baseline CD4 cell count (µL) >500 cells	0.67 [0.57-0.79]	0.86 [0.72-1.03]	0.69 [0.59-0.81]	0.69 [0.59-0.81]	0.70 [0.59-0.82]
	350-500	0.81 [0.70-0.94]	0.99 [0.84-1.17]	0.87 [0.75-1.01]	0.88 [0.76-1.02]	0.88 [0.76-1.03]
	250-350	0.92 [0.78-1.08]	1.02 [0.85-1.22]	0.95 [0.80-1.11]	0.94 [0.80-1.11]	0.96 [0.82-1.13]
	100-250	0.98 [0.83-1.15]	0.94 [0.79-1.12]	0.96 [0.81-1.13]	0.95 [0.81-1.12]	0.96 [0.82-1.13]
	<100	0.90 [0.73-1.10]	0.89 [0.71-1.12]	0.87 [0.72-1.07]	0.87 [0.71-1.06]	0.88 [0.72-1.07]
-NAME	Without interaction	0.90 [0.85-0.95]*	0.89 [0.84-0.97]*	0.93 [0.88-0.98]*	0.93 [0.88-0.98]*	0.92 [0.88-1.97]*
	lrtest p-value	p =0.0186	p =0.0395	p=0.1584	p=0.1648	p =0.1851
	Baseline CD4 cell count (µL) >500 cells	0.79 [0.70-0.89]	0.80 [0.68-0.95]	0.83 [0.73-0.94]	0.83 [0.73-0.94]	0.83 [0.73-0.94]
	350-500	0.81 [0.71-0.92]	0.78 [0.66-0.92]	0.88 [0.77-1.00]	0.88 [0.77-1.00]	0.88 [0.77-1.00]
	250-350	0.91 [0.80-1.05]	1.09 [0.91-1.29]	0.97 [0.85-1.12]	0.97 [0.85-1.11]	0.97 [0.85-1.11]
	100-250	1.01 [0.90-1.12]	0.95 [0.82-1.10]	1.01 [0.91-1.12]	1.01 [0.91-1.12]	1.01 [0.90-1.12]
	<100	0.94 [0.85-1.04]	0.93 [0.81-1.08]	0.93 [0.84-1.03]	0.93 [0.84-1.04]	0.93 [0.84-1.03]
SSA	Without interaction	0.93 [0.90-0.95]*	0.88 [0.85-0.91]*	0.89 [0.86-0.91]*	0.89 [0.87-0.91]*	0.89 [0.87-0.91]*
	lrtest p-value	p =0.0000	p =0.0000	p=0.0000	p=0.0000	p = 0.0000
	Baseline CD4 cell count (µL) >500 cells	0.76 [0.70-0.83]	0.70 [0.63-0.78]	0.75 [0.69-0.80]	0.75 [0.69-0.80]	0.75 [0.70-0.81]
	350-500	0.81 [0.76-0.87]	0.84 [0.77-0.91]	0.79 [0.75-0.84]	0.80 [0.75-0.84]	0.80 [0.75-0.85]
	250-350	1.02 [0.95-1.08]	0.93 [0.86-1.00]	0.95 [0.90-1.01]	0.95 [0.90-1.01]	0.96 [0.90-1.01]
	100-250	1.02 [0.97-1.07]	0.97 [0.91-1.02]	0.96 [0.92-1.01]	0.96 [0.92-1.01]	0.97 [0.93-1.01]
	<100	0.94 [0.89-0.99]	0.86 [0.81-0.92]	0.89 [0.85-0.93]	0.89 [0.85-0.94]	0.89 [0.85-0.94]
OLA	Without interaction	0.93 [0.90-0.97]*	0.97 [0.93-1.01]*	0.97 [0.94-1.01]*	0.97 [0.94-1.01]*	0.98 [0.95-1.02]*
	lrtest p-value	p =0.3691	p =0.0208	p=0.5498	p=0.5563	p = 0.5707
	Baseline CD4 cell count (µL) >500 cells	0.89 [0.82-0.97]	0.86 [0.78-0.95]	0.96 [0.88-1.04]	0.96 [0.88-1.04]	0.97 [0.89-1.05]
	350-500	0.90 [0.83-0.98]	1.04 [0.95-1.14]	1.00 [0.92-1.08]	1.00 [0.92-1.08]	1.01 [0.93-1.09]
	250-350	0.96 [0.87-1.04]	1.05 [0.96-1.16]	1.02 [0.93-1.11]	1.01 [0.93-1.11]	1.03 [0.94-1.12]
	100-250	0.93 [0.86-1.00]	0.95 [0.87-1.04]	0.93 [0.86-1.00]	0.93 [0.86-1.00]	0.94 [0.87-1.01]
	<100	1.00 [0.92-1.09]	0.96 [0.87-1.07]	0.98 [0.90-1.07]	0.98 [0.90-1.06]	0.99 [0.91-1.08]
CRB	Without interaction	0.80 [0.75-0.86]*	0.82 [0.76-0.89]*	0.77 [0.73-0.82]*	0.77 [0.73-0.82]*	0.77 [0.73-0.81]*
	lrtest p-value	p =0.0000	p =0.0000	p=0.0000	p=0.0000	p = 0.0000
	Baseline CD4 cell count (µL) >500 cells	0.54 [0.45-0.65]	0.57 [0.46-0.71]	0.54 [0.47-0.63]	0.54 [0.47-0.63]	0.55 [0.47-0.64]
	350-500	0.61 [0.51-0.72]	0.68 [0.56-0.82]	0.60 [0.53-0.69]	0.60 [0.53-0.69]	0.60 [0.52-0.68]
	250-350	0.94 [0.79-1.13]	0.87 [0.72-1.04]	0.85 [0.73-0.98]	0.85 [0.73-0.98]	0.85 [0.73-0.98]
	100-250	1.03 [0.90-1.17]	1.03 [0.88-1.21]	0.97 [0.87-1.09]	0.97 [0.87-1.09]	0.97 [0.87-1.08]
	<100	0.92 [0.81-1.03]	0.93 [0.80-1.07]	0.90 [0.81-0.99]	0.90 [0.81-1.00]	0.89 [0.81-0.99]
ASIA/ OC	Without interaction	1.01 [0.94-1.08]*	1.00 [0.93-1.07]*	0.94 [0.89-0.99]*	0.94 [0.89-0.99]*	0.94 [0.89-0.99]*
	lrtest p-value	p =0.4378	p =0.7929	p=0.4910	p=0.4769	p = 0.4648
	Baseline CD4 cell count (µL) >500 cells	0.89 [0.75-1.05]	0.95 [0.80-1.13]	0.85 [0.74-0.97]	0.85 [0.74-0.97]	0.85 [0.74-0.97]
	350-500	1.08 [0.93-1.24]	1.07 [0.92-1.24]	0.95 [0.84-1.07]	0.95 [0.84-1.07]	0.96 [0.85-1.08]
	250-350	1.01 [0.87-1.18]	0.99 [0.86-1.16]	0.91 [0.80-1.03]	0.91 [0.80-1.03]	0.82 [0.81-1.04]
	100-250	1.06 [0.92-1.23]	1.02 [0.89-1.17]	0.99 [0.88-1.11]	0.99 [0.88-1.11]	1.00 [0.87-1.12]
	<100	0.99 [0.86-1.13]	0.95 [0.83-1.09]	0.97 [0.86-1.08]	0.97 [0.86-1.08]	0.97 [0.87-1.08]

	WOMEN		MAIN MODEL	MODEL (a)	MODEL (b)	MODEL (c)	MODEL (d)
	Sample size		41,082	41,082	20,501	41,082	40,458
WEWC	Without interaction		1.01 [0.93-1.11]*	1.00 [0.92-1.10]	0.88 [0.77-1.02]	0.95 [0.87-1.04]*	1.01 [0.92-1.10]*
	lrtest p-value		p =0.0471	p =0.1563	-	p = 0.0736	p =0.0518
	Baseline CD4 cell count (µL)	>500 cells	1.02 [0.84-1.23]	1.06 [0.87-1.28]	-	0.81 [0.67-0.99]	1.00 [0.82-1.21]
		350-500	1.32 [1.09-1.60]	1.21 [1.00-1.48]		1.18 [0.97-1.43]	1.32 [1.08-1.60]
		250-350	0.90 [0.73-1.13]	0.89 [0.72-1.12]		0.86 [0.69-1.07]	0.90 [0.72-1.13]
		100-250	1.00 [0.83-1.22]	1.00 [0.82-1.22]		1.03 [0.85-1.25]	1.01 [0.83-1.22]
		<100	0.87 [0.71-1.08]	0.87 [0.71-1.08]		0.93 [0.75-1.14]	0.88 [0.71-1.08]
EE	Without interaction		1.01 [0.91-1.11]*	0.99 [0.90-1.09]*	0.96 [0.83-1.11]	1.11 [1.01-1.22]*	1.01 [0.91-1.11]*
	lrtest p-value		p =0.9905	p =0.9674	-	p =0.0005	p =0.9897
	Baseline CD4 cell count (µL)	>500 cells	0.98 [0.81-1.20]	0.96 [0.79-1.17]	-	1.61 [1.33-1.96]	0.98 [0.81-1.20]
		350-500	1.04 [0.84-1.29]	0.98 [0.79-1.22]		1.24 [1.00-1.53]	1.04 [0.84-1.29]
		250-350	0.99 [0.80-1.23]	1.04 [0.84-1.29]		1.00 [0.81-1.24]	1.00 [0.81-1.23]
		100-250	1.03 [0.85-1.25]	1.01 [0.83-1.23]		0.95 [0.78-1.15]	1.03 [0.85-1.26]
		<100	0.98 [0.78-1.23]	0.94 [0.75-1.19]		0.92 [0.74-1.16]	0.98 [0.78-1.23]
NAME	Without interaction		0.94 [0.86-1.02]*	0.91 [0.84-1.00]*	0.86 [0.75-1.00]	1.00 [0.91-1.09]	0.92 [0.85-1.01]*
	lrtest p-value		p =0.0269	p =0.0149	-	p =0.5729	p =0.0151
	Baseline CD4 cell count (µL)	>500 cells	0.90 [0.74-1.09]	0.89 [0.74-1.08]	-	1.09 [0.90-1.32]	0.88 [0.71-1.06]
		350-500	0.74 [0.60-0.90]	0.70 [0.57-0.86]		0.87 [0.71-1.06]	0.72 [0.59-0.88]
		250-350	0.91 [0.74-1.14]	0.90 [0.73-1.12]		0.98 [0.79-1.22]	0.91 [0.73-1.13]
		100-250	1.08 [0.90-1.29]	1.06 [0.88-1.27]		1.01 [0.84-1.21]	1.08 [0.90-1.29]
		<100	1.11 [0.91-1.34]	1.08 [0.89-1.31]		1.04 [0.86-1.26]	1.11 [0.91-1.34]
SSA	Without interaction		1.03 [1.00-1.06]*	1.02 [0.99-1.05]*	1.09 [1.05-1.14]	0.98 [0.95-1.00]*	1.03 [1.00-1.06]*
	lrtest p-value		p =0.0000	p =0.0000	-	p =0.0000	p =0.0000
	Baseline CD4 cell count (µL)	>500 cells	1.31 [1.24-1.38]	1.27 [1.20-1.34]	-	1.23 [1.17-1.30]	1.32 [1.25-1.39]
		350-500	1.05 [1.00-1.11]	1.01 [0.96-1.07]		1.05 [0.99-1.11]	1.06 [1.00-1.12]
		250-350	1.00 [0.94-1.06]	1.02 [0.96-1.07]		0.95 [0.90-1.01]	1.00 [0.94-1.05]
		100-250	0.94 [0.90-0.99]	0.95 [0.90-0.99]		0.88 [0.84-0.92]	0.94 [0.90-0.99]
		<100	0.91 [0.86-0.96]	0.92 [0.87-0.97]		0.85 [0.80-0.90]	0.91 [0.86-0.96]
LA	Without interaction		0.93 [0.87-1.00]*	0.91 [0.84-0.97]*	0.88 [0.79-0.97]	0.84 [0.78-0.90]	0.93 [0.87-1.00]*
	lrtest p-value		p =0.4689	p =0.4929	-	p =0.9180	p =0.4313
	Baseline CD4 cell count (µL)	>500 cells	1.02 [0.88-1.18]	0.93 [0.80-1.08]	-	0.80 [0.68-0.93]	1.03 [0.88-1.20]
		350-500	0.88 [0.75-1.03]	0.83 [0.71-0.97]		0.83 [0.71-0.97]	0.89 [0.76-1.04]
		250-350	0.85 [0.72-1.00]	0.84 [0.71-1.00]		0.87 [0.73-1.03]	0.84 [0.71-1.00]
		100-250	0.93 [0.81-1.07]	0.93 [0.81-1.07]		0.82 [0.72-0.94]	0.94 [0.81-1.08]
		<100	0.98 [0.84-1.14]	0.99 [0.84-1.15]		0.87 [0.75-1.01]	0.98 [0.84-1.14]
CRB	Without interaction		0.99 [0.93-1.05]*	0.99 [0.93-1.05]*	1.01 [0.92-1.11]	0.98 [0.92-1.04]*	0.98 [0.92-1.05]*
	lrtest p-value		p =0.0473	p =0.2559	-	p =0.0004	p =0.0422
	Baseline CD4 cell count (µL)	>500 cells	1.14 [1.00-1.29]	1.11 [0.97-1.26]	-	1.16 [1.02-1.33]	1.14 [1.00-1.31]
		350-500	1.06 [0.93-1.22]	1.02 [0.89-1.16]		1.15 [1.00-1.32]	1.06 [0.93-1.22]
		250-350	0.94 [0.81-1.08]	0.97 [0.84-1.12]		0.95 [0.82-1.10]	0.93 [0.80-1.07]
		100-250	0.92 [0.81-1.05]	0.94 [0.83-1.06]		0.88 [0.78-1.00]	0.92 [0.81-1.05]
		<100	0.88 [0.77-1.02]	0.90 [0.78-1.04]		0.82 [0.71-0.95]	0.88 [0.77-1.02]
ASIA/ OC	Without interaction		0.98 [0.91-1.05]*	0.99 [0.92-1.07]*	1.06 [0.95-1.18]	0.98 [0.91-1.05]*	0.99 [0.92-1.06]*
	lrtest p-value		p =0.3215	p =0.1939	-	p =0.1242	p =0.2221
	Baseline CD4 cell count (µL)	>500 cells	1.08 [0.91-1.28]	1.10 [0.93-1.31]	-	1.17 [0.98-1.40]	1.11 [0.93-1.33]
		350-500	0.84 [0.71-1.01]	0.83 [0.70-1.00]		0.87 [0.73-1.04]	0.84 [0.70-1.00]
		250-350	1.06 [0.88-1.26]	1.08 [0.90-1.29]		1.07 [0.89-1.27]	1.06 [0.89-1.27]
		100-250	0.99 [0.85-1.15]	1.01 [0.86-1.17]		0.93 [0.79-1.08]	0.99 [0.85-1.16]
		<100	0.97 [0.85-1.11]	0.99 [0.86-1.12]		0.95 [0.83-1.08]	0.97 [0.85-1.11]

	WOMEN (cont.)		MODEL (e)	MODEL (f)	MODEL (g)	MODEL (h)	MODEL (i)
	Sample size		33,287	21,301	41,082	41,082	41,082
WEWC	Without interaction		0.99 [0.90-1.08]*	0.96 [0.85-1.08]*	1.01 [0.92-1.10]*	1.01 [0.92-1.10]*	1.01 [0.93-1.11]*
	lrtest p-value		p =0.0734	p =0.0761	p =0.0465	p=0.0558	p = 0.0452
	Baseline CD4 cell count (μL)	>500 cells	0.99 [0.82-1.19]	0.98 [0.75-1.28]	1.01 [0.83-1.22]	1.01 [0.83-1.22]	1.01 [0.84-1.23]
		350-500	1.27 [1.04-1.54]	1.40 [1.06-1.84]	1.32 [1.08-1.60]	1.31 [1.08-1.59]	1.32 [1.09-1.61]
		250-350	0.87 [0.70-1.09]	0.85 [0.63-1.14]	0.91 [0.72-1.13]	0.91 [0.73-1.14]	0.91 [0.73-1.13]
		100-250	0.99 [0.82-1.21]	0.89 [0.68-1.18]	1.00 [0.82-1.21]	1.00 [0.83-1.22]	1.00 [0.83-1.22]
		<100	0.87 [0.70-1.07]	0.83 [0.63-1.08]	0.87 [0.70-1.07]	0.87 [0.70-1.07]	0.87 [0.71-1.08]
EE	Without interaction		0.98 [0.90-1.08]*	1.01 [0.91-1.13]*	1.00 [0.91-1.09]*	1.01 [0.92-1.11]*	1.00 [0.91-1.10]
	lrtest p-value		p =0.9903	p =0.2361	p =0.9872	p=0.9906	p = 0.9883
	Baseline CD4 cell count (μL)	>500 cells	0.98 [0.80-1.19]	1.30 [1.03-1.64]	0.97 [0.79-1.17]	0.99 [0.81-1.20]	0.98 [0.80-1.19]
		350-500	1.00 [0.81-1.24]	0.97 [0.76-1.25]	1.04 [0.84-1.28]	1.04 [0.84-1.29]	1.04 [0.84-1.29]
		250-350	0.95 [0.77-1.18]	0.89 [0.70-1.12]	0.99 [0.80-1.22]	1.00 [0.81-1.23]	0.99 [0.50-1.23]
		100-250	1.02 [0.84-1.25]	0.98 [0.79-1.22]	1.02 [0.84-1.24]	1.04 [0.85-1.26]	1.03 [0.84-1.25]
		<100	0.97 [0.77-1.22]	1.00 [0.78-1.28]	0.97 [0.77-1.22]	0.98 [0.78-1.23]	0.97 [0.78-1.23]
NAME	Without interaction		0.91 [0.84-1.00]*	0.95 [0.84-1.07]*	0.92 [0.85-1.01]*	0.93 [0.85-1.01]*	0.93 [0.86-1.02]
	lrtest p-value		p =0.0136	p =0.0004	p =0.0151	p=0.0207	p = 0.0280
	Baseline CD4 cell count (μL)	>500 cells	0.87 [0.72-1.05]	0.95 [0.72-1.24]	0.89 [0.74-1.08]	0.89 [0.74-1.08]	0.90 [0.74-1.09]
		350-500	0.72 [0.59-0.87]	0.55 [0.41-0.74]	0.72 [0.59-0.88]	0.73 [0.59-0.89]	0.74 [0.60-0.90]
		250-350	0.88 [0.71-1.10]	1.17 [0.88-1.56]	0.91 [0.74-1.14]	0.91 [0.73-1.13]	0.91 [0.73-1.13]
		100-250	1.07 [0.89-1.28]	1.12 [0.89-1.41]	1.07 [0.89-1.29]	1.07 [0.89-1.29]	1.08 [0.90-1.29]
		<100	1.10 [0.91-1.34]	1.12 [0.86-1.45]	1.10 [0.91-1.34]	1.10 [0.91-1.33]	1.10 [0.91-1.34]
SSA	Without interaction		1.06 [1.03-1.10]*	1.08 [1.04-1.12]*	1.02 [0.99-1.04]*	1.01 [0.99-1.04]*	1.02 [1.00-1.05]
	lrtest p-value		p =0.0000	p =0.0000	p =0.0000	p=0.0000	p = 0.0000
	Baseline CD4 cell count (μL)	>500 cells	1.39 [1.31-1.47]	1.78 [1.64-1.93]	1.30 [1.23-1.37]	1.29 [1.22-1.36]	1.30 [1.23-1.37]
		350-500	1.07 [1.01-1.14]	1.23 [1.14-1.33]	1.04 [0.99-1.10]	1.04 [0.98-1.10]	1.05 [0.99-1.11]
		250-350	1.04 [0.98-1.11]	0.91 [0.84-0.98]	0.99 [0.94-1.05]	0.99 [0.93-1.04]	0.99 [0.94-1.05]
		100-250	0.97 [0.92-1.03]	0.93 [0.87-0.99]	0.93 [0.89-0.98]	0.93 [0.89-0.98]	0.94 [0.89-0.98]
		<100	0.94 [0.88-1.00]	0.87 [0.80-0.95]	0.90 [0.85-0.95]	0.89 [0.85-0.95]	0.90 [0.86-0.96]
LA	Without interaction		0.90 [0.84-0.97]*	0.91 [0.84-0.99]*	0.93 [0.86-0.99]*	0.94 [0.88-1.01]*	0.93 [00.87-1.00]
	lrtest p-value		p =0.3689	p =0.5128	p =0.4812	p=0.4648	p = 0.4574
	Baseline CD4 cell count (μL)	>500 cells	0.97 [0.83-1.13]	0.99 [0.81-1.21]	1.01 [0.87-1.18]	1.02 [0.88-1.09]	1.02 [0.87-1.18]
		350-500	0.85 [0.73-1.00]	0.82 [0.68-1.01]	0.87 [0.75-1.02]	0.89 [0.76-1.04]	0.88 [0.75-1.03]
		250-350	0.79 [0.67-0.95]	0.83 [0.68-1.02]	0.84 [0.71-1.00]	0.85 [0.72-1.01]	0.84 [0.71-1.00]
		100-250	0.92 [0.80-1.07]	0.92 [0.78-1.10]	0.93 [0.81-1.07]	0.94 [0.82-1.08]	0.93 [0.81-1.07]
		<100	0.97 [0.83-1.13]	0.99 [0.83-1.18]	0.98 [0.84-1.14]	0.99 [0.85-1.15]	0.98 [0.84-1.14]
CRB	Without interaction		1.04 [0.97-1.12]*	1.03 [0.94-1.12]*	0.98 [0.93-1.05]*	0.98 [0.92-1.04]*	0.98 [0.93-1.05]
	lrtest p-value		p =0.0019	p =0.0000	p =0.0523	p=0.0477	0.0485
	Baseline CD4 cell count (μL)	>500 cells	1.35 [1.17-1.56]	1.16 [0.96-1.40]	1.13 [0.99-1.29]	1.13 [0.99-1.28]	1.14 [1.00-1.29]
		350-500	1.09 [0.94-1.27]	1.56 [1.31-1.93]	1.07 [0.93-1.22]	1.06 [0.92-1.21]	1.06 [0.93-1.22]
		250-350	0.96 [0.82-1.14]	0.90 [0.73-1.09]	0.94 [0.81-1.08]	0.93 [0.81-1.08]	0.93 [0.81-1.08]
		100-250	0.92 [0.80-1.06]	0.88 [0.75-1.05]	0.92 [0.81-1.05]	0.91 [0.81-1.04]	0.92 [0.81-1.05]
		<100	0.94 [0.80-1.11]	0.87 [0.71-1.08]	0.89 [0.77-1.02]	0.88 [0.76-1.01]	0.88 [0.77-1.02]
ASIA/ OC	Without interaction		1.02 [0.93-1.11]*	0.94 [0.85-1.03]*	0.97 [0.90-1.04]*	0.98 [0.91-1.05]*	0.97 [0.90-1.04]
	lrtest p-value		p =0.8249	p =0.3227	p =0.3187	p=0.3337	p = 0.3173
	Baseline CD4 cell count (μL)	>500 cells	1.11 [0.90-1.35]	1.12 [0.86-1.46]	1.07 [0.90-1.27]	1.07 [0.90-1.28]	1.07 [0.90-1.27]
		350-500	0.95 [0.77-1.17]	0.77 [0.61-0.97]	0.84 [0.70-1.00]	0.84 [0.71-1.01]	0.83 [0.70-1.00]
		250-350	1.07 [0.87-1.33]	0.98 [0.77-1.24]	1.05 [0.88-1.25]	1.06 [0.88-1.26]	1.04 [0.87-1.25]
		100-250	0.98 [0.81-1.19]	0.95 [0.78-1.15]	0.98 [0.84-1.14]	0.99 [0.85-1.15]	0.98 [0.84-1.14]
		<100	1.00 [0.86-1.17]	0.96 [0.81-1.14]	0.96 [0.84-1.10]	0.97 [0.85-1.11]	0.96 [0.84-1.10]