

Variable	Data type	Unit measure	Categorical value
Patient ID [ID]	Character		
Time stamp [Month]	Numeric		
Gender [Gender]	Binary		Male, female [1, 2]
Ethnicity [Ethnic]	Categorical		Asian, Black, White, other [1, 2, 3, 4]
Base drug combination [Base_Drug_Combo]	Categorical		FTC ^a + TDF ^b , 3TC ^c + ABC ^d , FTC + TAF ^e , DRV ^f + FTC + TDF, FTC + RTVB ^g + TDF, other [0, 1, 2, 3, 4, 5]
Complementary integrase inhibitor [Comp_INI]	Categorical		DTG ^h , RAL ⁱ , EVG ^j , not applied [0, 1, 2, 3]
Complementary nonnucleoside reverse transcriptase inhibitor [Comp_NNRTI]	Categorical		NVP ^k , EFV ^l , RPV ^m , not applied [0, 1, 2, 3]
Extra protease inhibitor [Extra_PI]	Categorical		DRV, RTVB, LPV ⁿ , RTV ^o , ATV ^p , not applied [0, 1, 2, 3, 4, 5]
Extra pharmacokinetic enhancer [ExtraPk_En]	Binary		False, True [0, 1]
Viral load measured [VL_M]	Binary		False, True [0, 1]
CD4 measured [CD4_M]	Binary		False, True [0, 1]
Drug recorded [Drug_M]	Binary		False, True [0, 1]
Viral load [VL]	Numeric	Copies/mL	
Absolut count for CD4 [CD4]	Numeric	Cells/ μ L	
Relative count for CD4 [RelCD4]	Numeric	Cells/ μ L	

^aFTC: emtricitabine; ^bTDF: tenofovir disoproxil fumarate; ^c3TC: lamivudine;

^dABC: abacavir; ^eTAF: tenofovir alafenamide; ^fDRV: darunavir; ^gRTVB: ritonavir;

^hDTG: dolutegravir; ⁱRAL: raltegravir; ^jEVG: elvitegravir; ^kNVP: nevirapine;

^lEFV: efavirenz; ^mRPV: rilpivirine; ⁿLPV: lopinavir; ^oRTV: ritonavir; ^pATV: atazanavir