

Web-appendix Table 1. Baseline characteristics of 22,315 patients initiating cART at TASO clinics in Uganda.

Variable		n (%)
Age	14-19	333 (1.5)
	20-24	866 (3.9)
	25-29	2620 (11.7)
	30-34	4801 (21.5)
	35-39	4973 (22.3)
	40-44	3944 (17.7)
	45-49	2348 (10.5)
	50-54	1271 (5.7)
	≥55	1159 (5.2)
Gender	Female	15492 (69.4)
	Male	6823 (30.6)
CD4 cell count (cells/mm ³) (missing 3817)	<50	3452 (18.7)
	50-99	2942 (15.9)
	100-149	3410 (18.4)
	150-199	3597 (19.4)
	200-249	2143 (11.6)
	250-299	874 (4.7)
	≥300	2080 (11.2)
WHO clinical disease stage	Stage I	465 (2.1)
	Stage II	7985 (35.8)
	Stage III	4982 (22.3)
	Stage IV	1220 (5.5)
	Missing	7663 (34.3)
Antiretroviral adherence	<95%	966 (4.3)
	>95%	19153 (85.8)
Unknown	2196 (9.8)	
Year cART started	Median (IQR)	2007 (2005-2007)

Web-appendix Table 2. Death rates per 1000 person-years among patients who have initiated cART at TASO clinics in Uganda.

Baseline CD4 cell count (cells/mm ³)	Death rate overall*	Death Rate within first year of cART*	Death rate beyond first year of cART*
<50	53.8 (48.9, 58.8)	131.5 (118.6, 144.5)	11.3 (8.5, 14.1)
50-99	28.5 (24.9, 32.2)	63.7 (54.2, 73.1)	10.8 (8.1, 13.6)
100-149	21.1 (18.2, 24.0)	44.1 (36.8, 51.3)	9.5 (7.1, 11.9)
150-199	14.0 (11.7, 16.3)	30.4 (24.6, 36.2)	5.8 (4.0, 7.6)
200-249	15.4 (12.2, 18.7)	33.5 (25.6, 41.4)	4.6 (2.4, 6.9)
250-299	12.4 (7.5, 17.3)	22.4 (12.3, 32.5)	5.1 (1.0, 9.3)
≥300	15.7 (12.1, 19.3)	27.9 (20.6, 35.3)	6.4 (3.4, 9.5)

*Note: Death rates are calculated per 1000 person-years and presented with corresponding 95% confidence intervals.