

Tables

Table 1. Sample Characteristics across three Waves (N=933 adolescents)

	Wave 1	Wave 2	Wave 3
Categorical Variables	n (%)	n (%)	n (%)
Continuous Variables	mean (SD)	mean (SD)	mean (SD)
<i>Outcome and Predictor</i>			
Full past-week adherence	615 (66%)	605 (65%)	700 (75%)
Household poverty scale (access to selected basic needs)	6.36 (1.82)	5.54 (2.26)	5.69 (2.29)
<i>Structural and internal mediators</i>			
Past-year lack of money to travel to the clinic			
• Never	718 (77%)	828 (89%)	865 (93%)
• Once or twice	120 (13%)	68 (7%)	53 (6%)
• Several Times	48 (5%)	19 (2%)	10 (1%)
• Most of the time	47 (5%)	18 (2%)	5 (1%)
Had shortages of food to eat with medication	379 (43%)	432 (48%)	275 (31%)
Internalised stigma scale	1.94 (1.67)	1.80 (1.74)	0.26 (0.82)
Anxiety and depression score	3.40 (3.88)	1.64 (2.84)	1.33 (2.42)
<i>Sociodemographic information</i>			
Vertically infected with HIV (time invariant)	729 (79%)		
Female (time invariant)	514 (55%)		
Age	13.56 (2.88)	15.07 (2.88)	16.26 (2.90)
Rural location	249 (27%)	230 (25%)	223 (24%)
Household size	6.77 (2.90)	6.18 (3.82)	5.73 (2.96)
Orphanhood (lost mother, father, or both)	545 (58%)	560 (60%)	640 (69%)

Notes: N=933 adolescents.

Table 2. Multivariable Probit Regression: Association between Household Economic Wellbeing (Access to Basic Needs) and ART Adherence

	Coefficient (SE)	Lower 95% CI	Upper 95% CI	p-value
Explanatory variable				
Economic wellbeing - <i>between</i>	0.06* (0.02)	0.01	0.11	0.013
Economic wellbeing - <i>within</i>	0.04** (0.02)	0.01	0.07	0.013
Control variables				
Female - <i>between</i>	-0.02 (0.06)	-0.14	0.09	0.694
Horizontally infected - <i>between</i>	-0.28** (0.09)	-0.45	-0.12	0.001
Age - <i>between</i>	-0.01 (0.01)	-0.03	0.02	0.569
Age- <i>within</i>	- 0.13*(0.06)	-0.25	-0.01	0.031
Rural residence - <i>between</i>	0.04 (0.07)	-0.10	0.19	0.544
Rural residence - <i>within</i>	0.09 (0.16)	-0.23	0.42	0.576
Household size - <i>between</i>	-0.00 (0.01)	-0.02	0.02	0.825
Household size - <i>within</i>	0.01 (0.01)	-0.01	0.04	0.199
Orphanhood - <i>between</i>	0.05 (0.07)	-0.08	0.19	0.436
Orphanhood - <i>within</i>	-0.10 (0.13)	-0.35	0.16	0.467
Timepoint (follow-up)	0.35*** (0.08)	0.18	0.51	<0.001

Notes: N=933 adolescents, 2799 observations over three waves. * $p < 0.05$, ** $p < 0.01$, *** $p < 0.001$. 95% CI - confidence interval. Household wellbeing is an additive index composed of access to and ownership of eight selected basic needs.