

Supplemental Table 1. Factors Associated with IPT non-uptake among eligible adult PLHIV (N=3418), ZIMPHA 2015-2016.

				Model 1*	Model 2**	
Variable	Never received IPT	Weighted % (95% CI) Para Run-on->	OR (95% CI) Para Run-on->	Adjusted OR (95% CI) Para Run-on->	Adjusted OR (95% CI) Para Run-on-> Rural	Adjusted OR (95% CI) Para Run-on-> Urban
Total	2914	100				
IPT uptake						
Have received IPT	417	12.7 (11.4 – 14.1)	---			
Never received IPT	2914	87.3 (85.9 – 88.6)	---			
Missing	87					
CHARACTERISTICS						
Sex						
Male	987	86.3 (83.9 – 88.8)	(ref)	(ref)	(ref)	(ref)
Female	1927	87.9 (86.3 – 89.5)	1.15 (0.89 – 1.49)	1.32 (0.98 – 1.77)	1.26 (0.91 – 1.74)	1.45 (0.87-2.44)
Age in years						
15-19	132	93.8 (89.0 – 98.5)	2.28 (0.89 – 5.81)	2.23 (0.77 – 6.43)	6.23 (1.33 – 29.17)	0.96 (0.18 – 5.05)
20-29	471	94.4 (92.1 – 96.7)	2.55 (1.41 – 4.61)	1.53 (0.80 – 2.92)	1.56 (0.74 – 3.28)	1.24 (0.38 – 4.08)
30-39	916	88.1 (85.9 – 90.2)	1.12 (0.71-1.76)	0.99 (0.58 - 1.69)	1.16 (0.66 – 2.06)	0.68 (0.22 – 2.11)
40-49	765					
50-59	401	82.1 (79.1 – 85.0)	0.69 (0.43-1.11)	0.72 (0.42 – 1.23)	1.15 (0.66– 2.03)	0.36 (0.11 – 1.12)
60+	229					
		84.5 (81.0 – 88.6)	0.83 (0.49 – 1.39) (ref)	0.89 (0.50 – 1.54)	1.29 (0.70 – 2.37)	0.48 (0.14 – 1.54)

<!--Col Count:7-->					Model 1 [*]	Model 2 ^{**}
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					Rural	Urban
		88.1)		1.58)	2.40)	1.63)
		86.9 (82.2 – 91.5)		(ref)	(ref)	(ref)
Rural/urban Residence						
Rural	2072	90.4 (88.9 – 92.0)	2.09 (1.63 – 2.67)	2.39 (1.82 – 3.12)		
Urban	842	81.9 (79.4 – 84.4)	(ref)	(ref)		
Education Level						
No education	119	90.5 (84.0 – 97.1)	1.35 (0.54-3.38)			
Primary	1138	89.1 (87.0 – 91.1)				
Secondary	1553		1.15 (0.65 – 2.04)			
More than secondary	102	86.0 (84.1 – 87.8)	0.87 (0.50 - 1.51) (ref)			
Missing	2	87.6 (81.8 – 93.5)				
Religion						
Traditional	65	87.4 (78.8 – 96.1)	1.07 (0.44-2.65)			
Catholic/Protestant	660					
Pentecostal	546	83.7 (80.5 – 86.9)	0.79 (0.50 - 1.27)			
Apostolic	1213	87.9 (84.6 –	1.12 (0.64 –			

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Muslim/Other	44	91.2)	1.94)			
None	384	89.0 (87.1 – 97.0)	1.25 (0.82 – 1.92)			
		96.2 (90.4 – 100)	3.90 (0.39 – 29.4)			
		86.6 (82.2 – 91.1)	(ref)			
Pregnancy Status						
Currently pregnant	63	95.1 (86.8 – 100)	2.78 (0.11 – 70.12)			
Not currently pregnant	1829	87.4 (85.8 – 89.1)	(ref)			
TB symptom screening at the last HIV care visit						
Screened	875	77.2 (74.1 – 80.3)	(ref)	(ref)	(ref)	(ref)
Not screened	1100	88.5 (86.4 – 90.6)	2.27 (1.71 – 3.01)	2.07 (1.54 – 2.78)	2.25 (1.58 – 3.20)	1.82 (1.09 – 3.03)
Missing	939					
Taking Septrin						
Yes	1537	82.9 (80.6 – 85.1)	(ref)			
No	494		1.11 (0.83 – 1.49)			
Missing	901	84.3 (81.1 – 87.5)				
CD4 Count						

<!--Col Count:7-->						
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(cells/μl)					Rural	Urban
CD4 <200	458	89.5 (86.6-92.4)	1.33 (0.93-1.92)			
CD4 200-350	751	86.5 (83.6 – 89.4)	1.00 (0.74 – 1.36)			
CD4 350-500	748	87.7 (85.1 – 90.3)	1.12 (0.84-1.49)			
CD4 >500	954	86.5 (84.3 – 88.6)	(ref)			
Missing	3					
VL Suppression						
No	1176	94.3 (92.8 – 95.8)	3.51 (2.60 – 4.73)	1.69 (1.14 – 2.52)	1.63 (0.96 – 2.79)	1.79 (0.98 – 3.26)
Yes	1733	82.6 (80.6 - 84.5)	(ref)	(ref)	(ref)	(ref)
Missing	5					
Hazardous alcohol use						
Yes	266	91.5 (88.1 – 94.9)	1.65 (1.05-2.60)	5.14 (0.99 – 26.67)	1.79 (0.39 - 8.33)	10.74 (3.60 – 32.0)
No	2613	86.7 (85.3 – 88.2)	(ref)	(ref)	(ref)	(ref)
Missing	35					

^{*}The model 1 included sex, age, urban/rural residence, TB symptoms screening at the last HIV care visit, viral suppression, and hazardous alcohol use.

^{**}The model 2 was stratified by urban/rural residence while keeping the same covariates from the model 1.