

APPENDIX J: MARGINAL AND CUMULATIVE EFFECTS

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
Sexual behavior and concurrency										
B2-Multiple partners (past 12 months)	0.2839	0.3001	0.2697	0.3306	0.6194	0.3242	0.2396	0.4089	0.3935	
B4-Multiple partners (past month)	0.0878	0.1061	0.0811	0.1311	0.3154	0.1139	0.0545	0.1732	0.4334	
B3-More than one partner within 3 months period (past 12 months)	0.1807	0.2016	0.1747	0.2285	0.3866	0.2507	0.1657	0.3357	0.1323	
B5-Reports currently having more than one partner	0.1288	0.1529	0.1261	0.1797	0.2455	0.1459	0.0727	0.219	0.6881	
B14-Reports currently having sex with 2 or more recent partners (calendar)	0.1662	0.1574	0.1312	0.1836	0.7323	0.0884	0.0326	0.1442	0.0652	
B8- Wife has other sexual partner (%yes/suspect)	0.1457	0.1246	0.0801	0.1692	0.613	0.0974	0.0027	0.1921	0.4708	
B9- Husband has other wife (%yes/suspect)	0.1189	0.0845	0.0579	0.1112	0.1222	0.0436	0.0029	0.0843	0.035	
B9- Husband has other sexual partner (%yes/suspect)	0.2312	0.1967	0.1592	0.2342	0.3996	0.0958	0.0373	0.1543	0.014	
B20-Received gifts for sex from most recent partner	0.1982	0.172	0.1334	0.2107	0.2174	0.1695	0.0865	0.2525	0.538	
B20-Received gifts for sex from 2nd most recent partner	0.2952	0.2194	0.1696	0.2693	0.1389	0.2871	0.1211	0.453	0.9387	
B21-Gave gifts for sex to most recent partner	0.1509	0.1396	0.1104	0.1687	0.6296	0.1613	0.0687	0.2538	0.8388	
B21-Gave gifts for sex to 2nd most recent partner	0.2065	0.1819	0.1427	0.2211	0.6056	0.2233	0.0638	0.3827	0.8703	
K5-Multiple sexual partners increase HIV risk (%True)	0.9259	0.9421	0.9239	0.9602	0.2738	0.9542	0.9183	0.9901	0.2543	
A1-Most married men faithful to wives (%Agree)	0.3093	0.2433	0.213	0.2737	0.0284	0.2171	0.1475	0.2867	0.047	
A2-Can resist temptation of sex with person besides main partner (%Agree)	0.7277	0.7529	0.7222	0.7836	0.3626	0.6881	0.6053	0.7708	0.4309	
A3-Need someone to fill gap (%Disagree)	0.5436	0.5125	0.4759	0.5491	0.2834	0.4373	0.3286	0.5459	0.0961	
A5-Men with many women are real men (%Disagree)	0.8948	0.9226	0.904	0.9412	0.1476	0.8764	0.7814	0.9714	0.6814	

A6-Men have right to get sex for gifts (%Disagree)	0.6265	0.6199	0.591	0.6487	0.8023	0.6527	0.5551	0.7503	0.6285
CN7-Leaders speak out about risk of HIV if MP (%Strongly agree/agree)	0.6099	0.6615	0.63	0.693	0.0737	0.6854	0.5999	0.7709	0.1545
CN9-Leaders discourage multiple partners (%Very often/sometimes)	0.3368	0.387	0.3556	0.4184	0.1766	0.5053	0.4248	0.5859	0.0022
CN10-Leaders discourage men from having younger partners (%Very often/sometimes)	0.3513	0.4014	0.3701	0.4326	0.1369	0.4841	0.4008	0.5674	0.0141

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
Risk variables										
A13-Worried about becoming HIV infected (%Worried)	0.4712	0.4464	0.4174	0.4753	0.4363	0.5088	0.4252	0.5923	0.4568	
A14-Likely to be infected now (%High/Med)	0.1789	0.2048	0.1829	0.2266	0.2443	0.199	0.1331	0.2648	0.6164	
K2-STIs decrease HIV infection (%False)	0.7551	0.7841	0.7517	0.8165	0.2426	0.7389	0.6605	0.8173	0.7072	
K6-TB can't be cured if HIV+ (%False)	0.5112	0.4436	0.412	0.4753	0.0208	0.4304	0.3233	0.5375	0.1526	
K10 Risk of contracting HIV decreases for a circumcised man	0.3591	0.3954	0.3585	0.4322	0.2605	0.417	0.3365	0.4975	0.2594	
K11-Knows where to get information about HIV/AIDS	0.7457	0.7529	0.7237	0.782	0.7413	0.7972	0.7093	0.8851	0.3353	

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
Communication variables										
B25-Discussed HIV/AIDS with Spouse (%Very often/often)	0.5979	0.6708	0.6341	0.7076	0.0076	0.7272	0.6632	0.7913	0.0029	0.1311
B26-Discussed HIV/AIDS with Kids (%Very often/often)	0.267	0.2876	0.2428	0.3323	0.6465	0.329	0.2171	0.4409	0.3228	

B27-Discussed HIV/AIDS with friends (%Very often/often)	0.5706	0.6334	0.6001	0.6666	0.0124	0.614	0.537	0.691	0.3435	
Discussed HIV/AIDS with Spouse, Kids, and/or Friends	0.7222	0.7766	0.7487	0.8045	0.0233	0.8034	0.7415	0.8653	0.0411	0.3919
A4-Sex life improves with communication with partner (%Agree)	0.9112	0.9399	0.9215	0.9583	0.0256	0.9168	0.8631	0.9706	0.8511	
B22-Sexually dissatisfied with regular partner (%Very often/often)	0.1128	0.1574	0.1311	0.1838	0.1602	0.2353	0.1292	0.3415	0.0336	
B23-Sexually satisfied with regular partner (%Very often/often)	0.9338	0.9134	0.8855	0.9413	0.3516	0.9317	0.8679	0.9955	0.9519	

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P-value	%Exposed >3yrs and currently	CI Lower	CI Upper	P-value	P-value <3 yrs=>3yrs and currently
Condom use										
B7-Condom use at last sex	0.466	0.5679	0.5362	0.5996	0.0001	0.5203	0.4427	0.598	0.1956	
Condom use at last sex with regular partner	0.4669	0.5589	0.5286	0.5892	0.0002	0.4609	0.3914	0.5304	0.8797	
Condom use at last sex with casual partner	0.8073	0.7406	0.6601	0.8212	0.2556	0.7855	0.5613	1.0098	0.8554	
Condom use at last sex among those with MP in past year	0.6151	0.7206	0.6735	0.7677	0.0192	0.7308	0.6114	0.8503	0.1151	
B19a-Condom use at last sex, most recent partner	0.4733	0.5609	0.5306	0.5913	0.0006	0.4694	0.3984	0.5404	0.9226	
B19a-Condom use at last sex, 2nd most recent partner	0.7347	0.7643	0.7208	0.8078	0.5391	0.8074	0.6803	0.9345	0.3792	
B19a-Always uses condom with most recent partner	0.2632	0.3529	0.3283	0.3774	0.0002	0.2588	0.1861	0.3315	0.9206	
B19b-Always uses condom with 2nd most recent partner	0.5105	0.5976	0.5516	0.6436	0.0475	0.5654	0.3841	0.7468	0.5815	
CN1-Condom use in marriage accepted (%Strongly agree/agree)	0.6114	0.684	0.6557	0.7124	0.0034	0.6198	0.5342	0.7054	0.8655	
CN2-Women can ask regular partner to use condom (%Strongly agree/agree)	0.6244	0.6734	0.6413	0.7055	0.0765	0.652	0.5655	0.7386	0.5907	
CN2-Women can ask casual partner to use condom (%Strongly agree/agree)	0.6008	0.6737	0.6389	0.7085	0.0108	0.6377	0.5615	0.7139	0.4162	

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
HIV testing										
B24-Ever been tested for HIV	0.675	0.763	0.7291	0.7969	0.0001	0.7388	0.6558	0.8217	0.1936	
B24b-HIV test in the last 12 months	0.5079	0.5518	0.5194	0.5842	0.0467	0.5569	0.48	0.6339	0.3114	
B24c-Received results of most recent HIV test	0.962	0.9689	0.9555	0.9823	0.5614	0.9228	0.8594	0.9862	0.1752	
B24ci-Discussed results of most recent HIV test	0.8145	0.8381	0.811	0.8653	0.3888	0.8423	0.7775	0.9071	0.4918	
K1-If one spouse positive, the other too (%False)	0.5081	0.5364	0.4978	0.5749	0.3305	0.6477	0.5557	0.7397	0.0116	
K7-Pregnant woman should test for HIV (%True)	0.893	0.9092	0.8823	0.9361	0.3976	0.9472	0.8977	0.9968	0.1235	
A10-It is important to know your HIV status (%Agree)	0.9294	0.9644	0.9524	0.9764	0.0013	0.9283	0.8814	0.9752	0.9656	
A12-Only way to know status is by blood test (%Agree)	0.9588	0.9738	0.9642	0.9834	0.0582	0.9679	0.9346	1.0013	0.681	
CN5-Leaders encourage HIV testing (%Strongly agree/agree)	0.6385	0.6995	0.6679	0.7312	0.0347	0.7585	0.6946	0.8224	0.0091	0.1213

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
Stigma										
A7-When learn that you are HIV+, life is over (%Disagree)	0.8164	0.8495	0.8245	0.8744	0.0895	0.7878	0.7017	0.874	0.5377	
A8-Telling people you are HIV+ doesn't help (%Disagree)	0.6449	0.6174	0.5869	0.6478	0.3444	0.686	0.6024	0.7696	0.4425	
A9-HIV is punishment for sinning (%Disagree)	0.6646	0.6554	0.6195	0.6914	0.7705	0.6662	0.5756	0.7568	0.9731	
A11-Only promiscuous people get HIV (%Disagree)	0.7812	0.7676	0.7341	0.8011	0.5805	0.7767	0.6982	0.8552	0.9196	
CN3-Keep secret if family member has HIV (%Strongly agree/agree)	0.7391	0.7419	0.7129	0.7709	0.9107	0.7493	0.6763	0.8223	0.8291	
CN4-People in the community join together to help PLHIV (%Strongly	0.4581	0.5166	0.4789	0.5543	0.062	0.5997	0.5142	0.6853	0.0086	

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
ART										
PC5-Cared for someone on ART	0.2075	0.2443	0.2171	0.2714	0.1203	0.2512	0.1966	0.3059	0.1551	
PC6-Willing to Care for Someone on ART	0.7847	0.8204	0.79	0.8508	0.1195	0.8426	0.7593	0.9259	0.2636	
K3-PLHIV on ART can transmit HIV (%True)	0.6835	0.7395	0.7119	0.7671	0.0734	0.6961	0.616	0.7762	0.7898	
K4-PLHIV does not need to use condoms because cannot transmit HIV (%False)	0.8516	0.843	0.8137	0.8724	0.7207	0.8547	0.7807	0.9286	0.9492	
K8a-ARVs prevent MCT during pregnancy	0.6843	0.6469	0.6121	0.6817	0.176	0.6486	0.5598	0.7374	0.4985	
K8b-ARVs prevent MCT during childbirth	0.5932	0.5706	0.5352	0.6059	0.4103	0.5906	0.4979	0.6834	0.9608	
K8c-ARVs prevent MCT during breastfeeding	0.5804	0.5738	0.5407	0.607	0.8283	0.6087	0.5205	0.697	0.5915	
K9-People on ART have to stay on treatment for rest of lives	0.6963	0.6992	0.6655	0.7328	0.8936	0.766	0.696	0.836	0.0945	
CN6-Leaders encourage HIV treatment (%Strongly agree/agree)	0.6258	0.6967	0.664	0.7294	0.0264	0.7509	0.6796	0.8221	0.0111	0.196
B28-Has ever taken ARVs	0.0727	0.0637	0.0528	0.0746	0.5282	0.0348	0.0108	0.0587	0.0906	
B29- Ever participated in PMTCT program (among ever pregnant)	0.1592	0.1929	0.1636	0.2223	0.1038	0.1885	0.1261	0.251	0.3873	

Variable Label	%Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
GBV										
G1-Forced Sex in the last 12 months	0.0204	0.0287	0.0169	0.0404	0.3993	0.0362	0.0024	0.07	0.3424	
G2-Physical GBV in the last 12 months	0.0514	0.0836	0.0649	0.1023	0.0055	0.0351	0.0154	0.0548	0.2476	
CN8-Leaders speak out against GBV (%Strongly agree/agree)	0.6008	0.6683	0.6297	0.7068	0.0408	0.7777	0.7027	0.8528	0.0021	0.0083
Continuous variables										
B6-Number of lifetime partners	5.2245	5.3882	4.8145	5.9618	0.7046	4.4267	3.1152	5.7381	0.343	
B1-Age at first sex	18.1482	17.8672	17.6492	18.0851	0.1054	17.7231	17.2387	18.2076	0.1485	

Age difference between partner 1 and respondent	1.072	1.1071	0.7348	1.4795	0.9146	0.8659	-0.1352	1.8671	0.7366
Age difference between partner 2 and respondent	-0.8312	-0.82	-1.5443	-0.0956	0.9856	-1.9634	-4.3479	0.4211	0.4179
B24a-Lifetime number of HIV tests	2.4308	2.7785	2.5395	3.0174	0.0313	2.7255	2.0906	3.3604	0.4363

	Variable Label	% Unexposed	% Exposed <3yrs	CI Lower	CI Upper	P- value	%Exposed >3yrs and currently	CI Lower	CI Upper	P- value	P-value <3 yrs=>3yrs and currently
MP	Behaviors										
	B6-Number of lifetime partners	5.2245	5.3882	4.8145	5.9618	0.7046	4.4267	3.1152	5.7381	0.3430	
	B2-Multiple partners (past 12 months)	0.2839	0.3001	0.2697	0.3306	0.6194	0.3242	0.2396	0.4089	0.3935	
	B4-Multiple partners (past month)	0.0878	0.1061	0.0811	0.1311	0.3154	0.1139	0.0545	0.1732	0.4334	
	B3-More than one partner within 3 months period (past 12 months)	0.1807	0.2016	0.1747	0.2285	0.3866	0.2507	0.1657	0.3357	0.1323	
	B5-Reports currently having more than one partner	0.1288	0.1529	0.1261	0.1797	0.2455	0.1459	0.0727	0.2190	0.6881	
	B14-Reports currently having sex with 2 or more recent partners (calendar)	0.1662	0.1574	0.1312	0.1836	0.7323	0.0884	0.0326	0.1442	0.0652	
	B8- Wife has other sexual partner (%yes/suspect)	0.1457	0.1246	0.0801	0.1692	0.6130	0.0974	0.0027	0.1921	0.4708	
	B9- Husband has other wife (%yes/suspect)	0.1189	0.0845	0.0579	0.1112	0.1222	0.0436	0.0029	0.0843	0.0350	
	B9- Husband has other sexual partner (%yes/suspect)	0.2312	0.1967	0.1592	0.2342	0.3996	0.0958	0.0373	0.1543	0.0140	
	B20-Received gifts for sex from most recent partner	0.1982	0.1720	0.1334	0.2107	0.2174	0.1695	0.0865	0.2525	0.5380	
	B20-Received gifts for sex from 2nd most recent partner	0.2952	0.2194	0.1696	0.2693	0.1389	0.2871	0.1211	0.4530	0.9387	
	B21-Gave gifts for sex to most recent partner	0.1509	0.1396	0.1104	0.1687	0.6296	0.1613	0.0687	0.2538	0.8388	
	B21-Gave gifts for sex to 2nd most recent partner	0.2065	0.1819	0.1427	0.2211	0.6056	0.2233	0.0638	0.3827	0.8703	

Condom use	B7-Condom use at last sex	0.4660	0.5679	0.5362	0.5996	0.0001	0.5203	0.4427	0.5980	0.1956	
	Condom use at last sex with regular partner	0.4669	0.5589	0.5286	0.5892	0.0002	0.4609	0.3914	0.5304	0.8797	
	Condom use at last sex with casual partner	0.8073	0.7406	0.6601	0.8212	0.2556	0.7855	0.5613	1.0098	0.8554	
	Condom use at last sex among those with MP in past year	0.6151	0.7206	0.6735	0.7677	0.0192	0.7308	0.6114	0.8503	0.1151	
	B19a-Condom use at last sex, most recent partner	0.4733	0.5609	0.5306	0.5913	0.0006	0.4694	0.3984	0.5404	0.9226	
	B19a-Condom use at last sex, 2nd most recent partner	0.7347	0.7643	0.7208	0.8078	0.5391	0.8074	0.6803	0.9345	0.3792	
	B19a-Always uses condom with most recent partner	0.2632	0.3529	0.3283	0.3774	0.0002	0.2588	0.1861	0.3315	0.9206	
	B19b-Always uses condom with 2nd most recent partner	0.5105	0.5976	0.5516	0.6436	0.0475	0.5654	0.3841	0.7468	0.5815	
	Testing B24-Ever been tested for HIV	0.6750	0.7630	0.7291	0.7969	0.0001	0.7388	0.6558	0.8217	0.1936	
	B24b-HIV test in the last 12 months	0.5079	0.5518	0.5194	0.5842	0.0467	0.5569	0.4800	0.6339	0.3114	
	B24a-Lifetime number of HIV tests	2.4308	2.7785	2.5395	3.0174	0.0313	2.7255	2.0906	3.3604	0.4363	
	ART PC5-Cared for someone on ART	0.2075	0.2443	0.2171	0.2714	0.1203	0.2512	0.1966	0.3059	0.1551	
	GBV G1-Forced Sex in the last 12 months	0.0204	0.0287	0.0169	0.0404	0.3993	0.0362	0.0024	0.0700	0.3424	
	G2-Physical GBV in the last 12 months	0.0514	0.0836	0.0649	0.1023	0.0055	0.0351	0.0154	0.0548	0.2476	
	Proximate determinants of behavior										
	Communication B25-Discussed HIV/AIDS with Spouse (%Very often/often)	0.5979	0.6708	0.6341	0.7076	0.0076	0.7272	0.6632	0.7913	0.0029	0.1311
	B26-Discussed HIV/AIDS with Kids (%Very often/often)	0.2670	0.2876	0.2428	0.3323	0.6465	0.3290	0.2171	0.4409	0.3228	
	B27-Discussed HIV/AIDS with friends (%Very often/often)	0.5706	0.6334	0.6001	0.6666	0.0124	0.6140	0.5370	0.6910	0.3435	
	Discussed HIV/AIDS with Spouse, Kids, and/or Friends	0.7222	0.7766	0.7487	0.8045	0.0233	0.8034	0.7415	0.8653	0.0411	0.3919
	Testing B24ci-Discussed results of most recent HIV test	0.8145	0.8381	0.8110	0.8653	0.3888	0.8423	0.7775	0.9071	0.4918	
	ART PC6-Willing to Care for Someone on ART	0.7847	0.8204	0.7900	0.8508	0.1195	0.8426	0.7593	0.9259	0.2636	
	B28-Has ever taken ARVs	0.0727	0.0637	0.0528	0.0746	0.5282	0.0348	0.0108	0.0587	0.0906	
	B29- Ever participated in PMTCT program (among ever pregnant)	0.1592	0.1929	0.1636	0.2223	0.1038	0.1885	0.1261	0.2510	0.3873	

X-gen	Age difference between partner 1 and respondent	1.0720	1.1071	0.7348	1.4795	0.9146	0.8659	-	0.1352	1.8671	0.7366
	Age difference between partner 2 and respondent	-0.8312	-0.8200	1.5443	-0.0956	0.9856	-1.9634	-	4.3479	0.4211	0.4179
Communication	B22-Sexually dissatisfied with regular partner (%Very often/often)	0.1128	0.1574	0.1311	0.1838	0.1602	0.2353	0.1292	0.3415	0.0336	
	B23-Sexually satisfied with regular partner (%Very often/often)	0.9338	0.9134	0.8855	0.9413	0.3516	0.9317	0.8679	0.9955	0.9519	
Knowledge											
MP	K5-Multiple sexual partners increase HIV risk (%True)	0.9259	0.9421	0.9239	0.9602	0.2738	0.9542	0.9183	0.9901	0.2543	
Risk	K2-STIs decrease HIV infection (%False)	0.7551	0.7841	0.7517	0.8165	0.2426	0.7389	0.6605	0.8173	0.7072	
	K6-TB can't be cured if HIV+ (%False)	0.5112	0.4436	0.4120	0.4753	0.0208	0.4304	0.3233	0.5375	0.1526	
Testing	K10 Risk of contracting HIV decreases for a circumcised man	0.3591	0.3954	0.3585	0.4322	0.2605	0.4170	0.3365	0.4975	0.2594	
	K11-Knows where to get information about HIV/AIDS	0.7457	0.7529	0.7237	0.7820	0.7413	0.7972	0.7093	0.8851	0.3353	
	K1-If one spouse positive, the other too (%False)	0.5081	0.5364	0.4978	0.5749	0.3305	0.6477	0.5557	0.7397	0.0116	
	K7-Pregnant woman should test for HIV (%True)	0.8930	0.9092	0.8823	0.9361	0.3976	0.9472	0.8977	0.9968	0.1235	
	K3-PLHIV on ART can transmit HIV (%True)	0.6835	0.7395	0.7119	0.7671	0.0734	0.6961	0.6160	0.7762	0.7898	
ART	K4-PLHIV does not need to use condoms because cannot transmit HIV (%False)	0.8516	0.8430	0.8137	0.8724	0.7207	0.8547	0.7807	0.9286	0.9492	
	K8a-ARVs prevent MCT during pregnancy	0.6843	0.6469	0.6121	0.6817	0.1760	0.6486	0.5598	0.7374	0.4985	
	K8b-ARVs prevent MCT during childbirth	0.5932	0.5706	0.5352	0.6059	0.4103	0.5906	0.4979	0.6834	0.9608	
	K8c-ARVs prevent MCT during breastfeeding	0.5804	0.5738	0.5407	0.6070	0.8283	0.6087	0.5205	0.6970	0.5915	
	K9-People on ART have to stay on treatment for rest of lives	0.6963	0.6992	0.6655	0.7328	0.8936	0.7660	0.6960	0.8360	0.0945	
Attitudes											
MP	A1-Most married men faithful to wives (%Agree)	0.3093	0.2433	0.2130	0.2737	0.0284	0.2171	0.1475	0.2867	0.0470	
	A2-Can resist temptation of sex with person besides main partner	0.7277	0.7529	0.7222	0.7836	0.3626	0.6881	0.6053	0.7708	0.4309	

	(%Agree)									
	A3-Need someone to fill gap (%Disagree)	0.5436	0.5125	0.4759	0.5491	0.2834	0.4373	0.3286	0.5459	0.0961
	A5-Men with many women are real men (%Disagree)	0.8948	0.9226	0.9040	0.9412	0.1476	0.8764	0.7814	0.9714	0.6814
	A6-Men have right to get sex for gifts (%Disagree)	0.6265	0.6199	0.5910	0.6487	0.8023	0.6527	0.5551	0.7503	0.6285
Risk	A13-Worried about becoming HIV infected (%Worried)	0.4712	0.4464	0.4174	0.4753	0.4363	0.5088	0.4252	0.5923	0.4568
	A14-Likely to be infected now (%High/Med)	0.1789	0.2048	0.1829	0.2266	0.2443	0.1990	0.1331	0.2648	0.6164
Communication	A4-Sex life improves with communication with partner (%Agree)	0.9112	0.9399	0.9215	0.9583	0.0256	0.9168	0.8631	0.9706	0.8511
Testing	A10-It is important to know your HIV status (%Agree)	0.9294	0.9644	0.9524	0.9764	0.0013	0.9283	0.8814	0.9752	0.9656
	A12-Only way to know status is by blood test (%Agree)	0.9588	0.9738	0.9642	0.9834	0.0582	0.9679	0.9346	1.0013	0.6810
Stigma	A7-When learn that you are HIV+, life is over (%Disagree)	0.8164	0.8495	0.8245	0.8744	0.0895	0.7878	0.7017	0.8740	0.5377
	A8-Telling people you are HIV+ doesn't help (%Disagree)	0.6449	0.6174	0.5869	0.6478	0.3444	0.6860	0.6024	0.7696	0.4425
	A9-HIV is punishment for sinning (%Disagree)	0.6646	0.6554	0.6195	0.6914	0.7705	0.6662	0.5756	0.7568	0.9731
	A11-Only promiscuous people get HIV (%Disagree)	0.7812	0.7676	0.7341	0.8011	0.5805	0.7767	0.6982	0.8552	0.9196
	Community Norms									
MP	CN7-Leaders speak out about risk of HIV if MP (%Strongly agree/agree)	0.6099	0.6615	0.6300	0.6930	0.0737	0.6854	0.5999	0.7709	0.1545
	CN9-Leaders discourage multiple partners (%Very often/sometimes)	0.3368	0.3870	0.3556	0.4184	0.1766	0.5053	0.4248	0.5859	0.0022
	CN10-Leaders discourage men from having younger partners (%Very often/sometimes)	0.3513	0.4014	0.3701	0.4326	0.1369	0.4841	0.4008	0.5674	0.0141
Condom use	CN1-Condom use in marriage accepted (%Strongly agree/agree)	0.6114	0.6840	0.6557	0.7124	0.0034	0.6198	0.5342	0.7054	0.8655
	CN2-Women can ask regular partner to use condom (%Strongly agree/agree)	0.6244	0.6734	0.6413	0.7055	0.0765	0.6520	0.5655	0.7386	0.5907

	CN2-Women can ask casual partner to use condom (%Strongly agree/agree)	0.6008	0.6737	0.6389	0.7085	0.0108	0.6377	0.5615	0.7139	0.4162	
Testing	CN5-Leaders encourage HIV testing (%Strongly agree/agree)	0.6385	0.6995	0.6679	0.7312	0.0347	0.7585	0.6946	0.8224	0.0091	0.1213
Stigma	CN3-Keep secret if family member has HIV (%Strongly agree/agree)	0.7391	0.7419	0.7129	0.7709	0.9107	0.7493	0.6763	0.8223	0.8291	
	CN4-People in the community join together to help PLHIV (%Strongly agree/agree)	0.4581	0.5166	0.4789	0.5543	0.0620	0.5997	0.5142	0.6853	0.0086	
ART	CN6-Leaders encourage HIV treatment (%Strongly agree/agree)	0.6258	0.6967	0.6640	0.7294	0.0264	0.7509	0.6796	0.8221	0.0111	0.196
GBV	CN8-Leaders speak out against GBV (%Strongly agree/agree)	0.6008	0.6683	0.6297	0.7068	0.0408	0.7777	0.7027	0.8528	0.0021	0.0083