

APPENDIX I: MARGINAL AND CUMULATIVE EFFECTS

Sexual Behavior	%Unexposed	%OL only	P-Value	%Safaid's only	P-Value	% Both	P-Value
Knows multiple sexual partners increase HIV Risk k5r	0.8964	0.9246	0.1930	0.8818	0.8421	0.8609	0.3442
People Discuss HIV Risk & Multiple Partners	0.5177	0.5643	0.1574	0.6081	0.4993	0.7128	0.0031
Most married men faithful to wives	0.3567	0.3857	0.5410	0.2476	0.2166	0.2655	0.1214
Leaders Discourage Multiple Partners	0.3624	0.4178	0.1270	0.4690	0.4065	0.4335	0.4598
Men with many women are real men	0.0811	0.0654	0.3985	0.0696	0.7717	0.1165	0.2618
Can resist being unfaithful to main partner	0.7139	0.7431	0.1504	0.8293	0.0162	0.7789	0.0988
Does not need someone to fill gap	0.5944	0.6408	0.1376	0.8122	0.0001	0.7614	0.0027
Multiple Partners (Last 12 Months) b2	0.1624	0.1647	0.9556	0.3234	0.0255	0.2375	0.0176
Multiple Partners (Last Month)b4	0.0663	0.0679	0.9449	0.1619	0.0632	0.0534	0.6273
Self-reported having concurrent partners in the past 12 months	0.1171	0.0956	0.3924	0.2006	0.1840	0.0515	0.0118
Currently have more than one sexual partner (past 3 months) b5	0.0722	0.0859	0.5908	0.1763	0.0572	0.0687	0.8607

Communication	%Unexposed	%OL only	P-Value	%Safaid's only	P-Value	% Both	P-Value
Discussed HIV/AIDS with Spouse b25	0.8370	0.8064	0.4711	0.8218	0.8275	0.7962	0.6264
Discussed HIV/AIDS with Kids b26	0.5154	0.5731	0.0916	0.6736	0.0104	0.5043	0.8970
Discussed HIV/AIDS with Friends b27	0.6196	0.6938	0.1384	0.7206	0.4222	0.6893	0.1336
Discussed HIV/AIDS with Spouse, Kids, and/or Friends	0.7161	0.7642	0.2646	0.7917	0.3826	0.7661	0.2745
Percentage who are dissatisfied when having sex with spouse/regular	0.1649	0.1421	0.3762	0.0387	0.0187	0.1768	0.7831
Percentage who have talked with spouse/regular cohabitating partner	0.1266	0.1070	0.6775	0.0187	0.0791	0.1271	0.9935
Sex life improves with communication about HIV	0.8803	0.8792	0.9679	0.9779	0.0080	0.8572	0.4563

Condom Use	%Unexposed	%OL only	P-Value	%Safaid only	P-Value	% Both	P-Value
While in ART, PLHIV can transmit HIV k4r	0.9154	0.8758	0.1202	0.9757	0.0242	0.8923	0.2942
Knows PLHIV on ART can transmit HIV k3r	0.8598	0.8881	0.2474	0.9930	0.0000	0.8359	0.6725
Percentage who disagree that if one spouse is HIV+ the other certainly is k1r	0.4879	0.4367	0.3838	0.5122	0.7741	0.5223	0.5364
Knows that STIs increase HIV infection k2r	0.8716	0.8359	0.1137	0.8818	0.8495	0.7903	0.1993
Condom Use in Marriage Accepted	0.5913	0.6826	0.0266	0.6346	0.5936	0.7518	0.0139
Women Can Ask Regular Partner to Use Condom	0.7272	0.7072	0.4865	0.7986	0.3630	0.7038	0.7396
Women Can Ask Casual Partner to Use Condom	0.7400	0.7521	0.7735	0.8089	0.2207	0.6815	0.5330
Condom use at last sex among those ever having sex b7	0.5152	0.5574	0.1300	0.7245	0.0262	0.6035	0.2872
Condom at last sex, if regular partner	0.4957	0.4835	0.7188	0.4536	0.7536	0.6227	0.1057
Condom at last sex, if casual partner	0.9109	0.8789	0.3076	0.8702	0.5434	0.8222	0.0822
Condom at last sex among those with multiple partners	0.7234	0.8027	0.0893	0.7669	0.6176	0.6994	0.7102
Condom at last sex with a casual partner, among those with multiple partners	0.9258	0.8912	0.1588	0.8924	0.4288	0.9818	0.0433
Always/usually used a condom with last sexual partner	0.7107	0.6718	0.0631	0.5916	0.1871	0.7728	0.1416
condom use at last sex among those have sex in the last 12 months b19	0.7118	0.6816	0.2150	0.5996	0.2133	0.8013	0.1547

Testing	%Unexposed	%OL only	P-Value	%Safaids			
				only	P-Value	% Both	P-Value
Pregnant woman should test for HIV k7r	0.9597	0.9545	0.6385	0.9818	0.1578	0.9050	0.0355
Knows TB can be cured if HIV+ k6r	0.7352	0.6801	0.2108	0.8378	0.1764	0.6048	0.1212
Knows that the risk of contracting HIV decreases for a circumcised man k10r	0.7042	0.6753	0.3972	0.9426	0.0001	0.7019	0.9657
a10b Agrees that only way to know you are HIV positive is through blood test	0.9434	0.9619	0.0572	0.9552	0.4266	0.9246	0.4430
a10 Important to Know HIV Status	0.9666	0.9818	0.1588	0.9978	0.0039	0.9186	0.0101
Worried about Becoming Infected	0.6075	0.5936	0.6156	0.5482	0.3601	0.6417	0.4738
Likely to be Infected Now	0.2017	0.3034	0.1061	0.3580	0.0524	0.3820	0.1133
Agrees that husband/cohabitating partner has another wife b9	0.1001	0.0768	0.3905	0.1145	0.7839	0.0574	0.3326
Agrees that husband/cohabitating partner has another sex partner who is not a	0.1996	0.1978	0.9630	0.0211	0.0178	0.0833	0.2202
Thinks that last partner had other sexual partners	0.1668	0.1834	0.4080	0.5500	0.0001	0.3748	0.0009
Thinks that next to last partner had other sexual partners	0.4921	0.3349	0.1018	0.1271	0.0052	0.4146	0.6035
Thinks that third to last partner had other sexual partners	0.2632	0.4032	0.0456	0.1891	0.5494	0.8595	0.0000
Leaders Encourage HIV Testing	0.4968	0.5367	0.2838	0.5367	0.7072	0.6179	0.0327
Knows where to get HIV/AIDS info. k11r	0.8999	0.8967	0.8430	0.9833	0.0049	0.9082	0.8011
a7 Disagrees that HIV Means Life is Over	0.7870	0.8355	0.0170	0.8113	0.5672	0.7351	0.3905
Ever Tested for HIV b24	0.7227	0.7251	0.9567	0.7951	0.1185	0.6892	0.6655
HIV Test in the Last 12 Months b24b	0.5851	0.5455	0.3675	0.4116	0.0138	0.5348	0.5145

Other HIV Risk Factors	%Unexposed	%OL only	P-Value	%Safaids			
				only	P-Value	% Both	P-Value
Leaders Discourage Multiple Partners	0.2971	0.3602	0.0485	0.4778	0.0019	0.4757	0.0056
10+ year age difference between respondent and last sexual partner	0.0703	0.1117	0.0884	0.0430	0.2400	0.0868	0.6506
10+ year age difference between respondent and next to last sexual partner	0.0724	0.0858	0.4341	0.0852	0.6329	0.0560	0.3442
10+ year age difference between respondent and third to last sexual partner	0.0435	0.0419	0.9311	0.0623	0.5143	0.0609	0.4577

HIV Treatment	%Unexposed	%OL only	P-Value	%Safaid's only	P-Value	% Both	P-Value
Knows ARVs prevent MCT during pregnancy k8ar	0.8106	0.7541	0.1315	0.8667	0.2966	0.7986	0.7561
Knows ARVs prevent MCT during childbirth k8br	0.7727	0.7461	0.3671	0.8310	0.1924	0.7558	0.6967
Knows ARVs prevent MCT during breastfeeding k8cr	0.6132	0.6866	0.0850	0.7517	0.1688	0.5838	0.5325
Knows how often people should take ARVs k9r	0.9011	0.8543	0.0449	0.7551	0.0041	0.8552	0.1008
Leaders Encourage HIV Treatment	0.5926	0.6519	0.1474	0.6258	0.6501	0.6101	0.7800
Has ever taken ARVs b28	0.0665	0.0340	0.0258	0.0754	0.6389	0.1161	0.0962
Received support from an ARV treatment buddy or CBV, among	0.0732	0.3441	0.0001	0.2059	0.0764	0.4754	0.0002
Does not struggle to take your ARV drugs as advised by the	0.0597	0.0301	0.2026	0.1003	0.4047	0.0050	0.0245
Participated in a PMTCT program b32	0.2870	0.3521	0.2771	0.9813	0.0000	0.3488	0.3394

HIV Stigma	%Unexposed	%OL only	P-Value	%Safaid's only	P-Value	% Both	P-Value
a9 Disagrees that HIV is a punishment for sinning	0.5360	0.6329	0.0411	0.5454	0.8994	0.5764	0.5658
a8 Disagrees that revealing HIV status doesn't help	0.7224	0.7768	0.1309	0.7218	0.9948	0.7038	0.7278
Willing to Care for Someone on ART	0.9531	0.9600	0.5373	0.9823	0.0901	0.9617	0.5473
People in the community joint together to help PLHIV	0.5293	0.4948	0.4906	0.5480	0.8597	0.4608	0.2668
Keep Secret if Family Member has HIV	0.7412	0.6632	0.0082	0.7814	0.1379	0.7637	0.7045
Cared for someone on ART	0.1703	0.1546	0.4332	0.2244	0.2334	0.2547	0.1275
Agrees that wife inheritance is practiced in the community	0.0849	0.1244	0.2278	0.0801	0.9064	0.0838	0.9663

Gender-Based violence	%Unexposed	%OL only	P-Value	%Safaid's only	P-Value	% Both	P-Value
Man has right to have sex for gifts	0.3123	0.2636	0.0313	0.2488	0.5189	0.3307	0.5959
Leaders speak out against GBV	0.5542	0.5692	0.6705	0.5562	0.9891	0.6118	0.3228
Forced sex in the last 12 months	0.0275	0.0491	0.0528	0.0210	0.5937	0.0160	0.2206
Physical GBV in the last 12 months	0.0935	0.1191	0.1446	0.1158	0.5687	0.1224	0.2998
Reported physical GBV	0.2363	0.4415	0.0179	0.1629	0.4837	0.5544	0.0064
Report violence to family, friend, or community	0.5680	0.6075	0.5826	0.6174	0.6652	0.5843	0.8424
Report violence to police or authority	0.5985	0.6905	0.1613	0.4219	0.1170	0.6395	0.6483