

APPENDIX I: VALUE-ADDED

MCP	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Multiple partners (past 12 months)	6.4%	7.3%	0.6715	4.7%	0.5903	4.7%	0.4543
Multiple partners (past month)	1.1%	3.3%	0.0988	6.3%	0.0222	3.9%	0.0367
More than one partner within 3 months period (past 12 months)	6.6%	9.5%	0.2407	14.6%	0.0571	9.5%	0.2051
Reports currently having more than one partner	4.4%	4.4%	0.9952	4.2%	0.9557	5.0%	0.76
Agrees that wife/cohabitating partner has another partner	3.8%	7.1%	0.3639	5.5%	0.695	8.0%	0.2808
Agrees that husband/cohabitating partner has another wife	9.1%	13.7%	0.154	11.6%	0.4665	14.4%	0.2813
Agrees that husband/cohabitating partner has another sex partner who is not a wife	21.2%	16.8%	0.4197	28.7%	0.2556	21.1%	0.9863
10+ year age difference between respondent and last sexual partner	15.7%	15.7%	0.9978	12.5%	0.3866	15.0%	0.8122
Thinks that last partner had other sexual partners	24.9%	21.5%	0.3062	26.6%	0.7535	30.1%	0.2252
Received gifts or money in exchange for sex with last partner	28.7%	24.5%	0.2001	38.8%	0.1198	45.3%	0.0011
Received gifts or money in exchange for sex with last regular partner	23.7%	17.7%	0.1218	39.5%	0.0321	36.6%	0.042
Received gifts or money in exchange for sex with last casual partner	39.4%	32.6%	0.2589	25.7%	0.2968	54.3%	0.0713
Gave gifts or money in exchange for sex with last partner	22.7%	22.7%	0.9826	33.9%	0.0662	31.8%	0.0224
Gave gifts or money in exchange for sex with last regular partner	18.6%	14.2%	0.2509	28.0%	0.1991	20.0%	0.7734
Gave gifts or money in exchange for sex with last casual partner	27.9%	33.3%	0.3634	48.8%	0.112	45.2%	0.0105
Multiple sexual partners increase HIV risk (%True)	90.4%	95.1%	0.0063	90.4%	0.9981	94.5%	0.0916
Most married men faithful to wives (%Agree)	35.0%	27.2%	0.0525	27.6%	0.2199	33.8%	0.8165
Can resist temptation of sex with person besides main partner (%Agree)	78.9%	81.2%	0.5482	75.5%	0.6139	87.2%	0.0631
Need someone to fill gap (%Disagree)	79.7%	81.4%	0.5741	84.0%	0.3058	76.8%	0.456
Men with many women are real men (%Disagree)	94.9%	92.5%	0.1582	97.4%	0.225	92.8%	0.3679
Men have right to get sex for gifts (%Disagree)	70.2%	76.3%	0.1163	82.8%	0.0323	72.5%	0.5887
Leaders speak out about risk of HIV if MP (%Strongly agree/agree)	78.5%	75.7%	0.335	80.1%	0.7581	81.0%	0.538
Leaders discourage multiple partners (%Very often/sometimes)	54.0%	53.1%	0.8361	39.4%	0.0166	45.9%	0.0885
Leaders discourage men from having younger partners (%Very often/sometimes)	57.4%	58.8%	0.7442	47.0%	0.1154	48.3%	0.0509
Polygyny is practiced in community (%Very often/sometimes)	57.9%	63.6%	0.1587	70.1%	0.0221	60.9%	0.4993

Agrees that wife inheritance is practiced in the community	26.8%	24.2%	0.5151	27.6%	0.8864	30.6%	0.4794
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Other HIV risk factors	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Worried about becoming HIV infected (%Worried)	47.5%	41.6%	0.2375	45.6%	0.7678	49.4%	0.7482
Likely to be infected now (%Agree)	14.1%	13.3%	0.7313	25.8%	0.0448	23.8%	0.0055
If one spouse positive, the other too (%False)	32.8%	33.8%	0.8165	59.3%	0.0011	40.5%	0.1634
STIs decrease HIV infection (%False)	83.5%	79.3%	0.1673	92.9%	0.0559	84.8%	0.7012
TB can't be cured if HIV+ (%False)	65.4%	62.6%	0.5001	76.7%	0.0561	64.8%	0.8912
Risk of contracting HIV decreases for a circumcised man	79.5%	76.7%	0.4602	79.5%	0.9953	71.7%	0.0657
Knows where to get information about HIV/AIDS	90.1%	89.5%	0.8219	91.2%	0.7447	94.0%	0.0374

HIV Communication	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Discussed HIV/AIDS with spouse	82.5%	80.8%	0.6617	80.5%	0.7042	84.7%	0.6233
Discussed HIV/AIDS with children	59.7%	52.4%	0.1758	51.0%	0.2315	54.2%	0.3296
Discussed HIV/AIDS with friends	71.4%	77.1%	0.1782	79.9%	0.1607	75.0%	0.4208
Discussed HIV/AIDS with spouse, children, and/or friends	83.3%	87.6%	0.1636	87.6%	0.3523	86.8%	0.2976
Sex life improves with communication with partner (%Agree)	86.8%	86.5%	0.8972	93.7%	0.1118	90.3%	0.2957
Percentage who are dissatisfied when having sex with spouse/regular cohabitating partner	38.9%	28.1%	0.0225	23.6%	0.0345	28.2%	0.0589
Percentage who have discussed sexual dissatisfaction with spouse/regular cohabitating partner	61.5%	52.6%	0.148	48.3%	0.2052	51.6%	0.1631
Percentage who are satisfied when having sex with spouse/regular cohabitating partner	93.6%	91.4%	0.3291	73.8%	0	83.8%	0.0071
Percentage who have discussed sexual satisfaction with spouse/regular cohabitating partner	68.1%	65.1%	0.5014	82.3%	0.028	59.6%	0.1895

Condom use	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Condom use at last sex	28.5%	28.0%	0.8752	31.7%	0.5208	30.0%	0.688
Condom use at last sex with regular partner	19.2%	21.0%	0.6191	21.7%	0.6354	24.6%	0.1823
Condom use at last sex among those with multiple partners	63.9%	46.3%	0.2346	.	.	28.4%	0.0136
Always uses condom with most recent partner	12.1%	9.6%	0.2815	15.8%	0.3939	9.1%	0.2992
Condom use in marriage accepted (%Strongly agree/agree)	59.0%	48.7%	0.0212	60.6%	0.8057	61.0%	0.6663
Women can ask regular partner to use condom (%Strongly agree/agree)	65.3%	53.4%	0.0065	47.3%	0.0141	63.2%	0.6619
Women can ask casual partner to use condom (%Strongly agree/agree)	66.6%	56.2%	0.0142	49.1%	0.0174	68.5%	0.6526

HIV testing	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Ever tested for HIV	65.0%	65.2%	0.9373	68.6%	0.5364	71.3%	0.1275
HIV test in the last 12 months	49.7%	42.7%	0.051	60.4%	0.1348	49.0%	0.8686
Received results of most recent HIV test	96.4%	98.0%	0.1926	97.2%	0.6803	95.1%	0.4356
Discussed results of most recent HIV test	94.9%	91.4%	0.0926	90.6%	0.243	91.8%	0.2315
Pregnant woman should test for HIV (%True)	93.1%	95.5%	0.0684	99.9%	0	95.6%	0.2037
It is important to know your HIV status (%Agree)	95.6%	95.6%	0.9789	98.9%	0.0639	98.4%	0.0997
Only way to know status is by blood test (%Agree)	96.1%	95.9%	0.8571	99.0%	0.1264	97.4%	0.3095
Leaders encourage HIV testing (%Strongly agree/agree)	70.9%	69.4%	0.7046	76.9%	0.265	62.7%	0.0976

HIV treatment	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Cared for someone on ART	17.5%	18.2%	0.8468	9.0%	0.0143	18.9%	0.6798
Willing to care for someone on ART	90.1%	92.6%	0.2391	94.3%	0.2463	91.7%	0.5051
PLHIV on ART can transmit HIV (%True)	89.0%	87.0%	0.4534	98.4%	0.0016	88.5%	0.8923
PLHIV does not need to use condoms because cannot transmit HIV (% False)	84.6%	81.1%	0.1818	93.6%	0.0416	86.8%	0.5047
ARVs prevent MCT during pregnancy	67.4%	64.9%	0.5041	53.7%	0.0464	67.5%	0.9703
ARVs prevent MCT during childbirth	69.1%	67.9%	0.7598	55.9%	0.0846	68.3%	0.8666
ARVs prevent MCT during breastfeeding	65.1%	67.9%	0.4517	52.6%	0.0991	70.6%	0.2158
People on ART have to stay on treatment for rest of lives	80.7%	77.4%	0.3496	90.6%	0.0816	81.4%	0.8476
Leaders encourage HIV treatment (%Strongly agree/agree)	70.4%	67.8%	0.5273	75.2%	0.3714	65.4%	0.3384
Has ever taken ARVs	4.1%	2.8%	0.3167	4.4%	0.8909	3.4%	0.6134
Participated in a PMTCT program	25.5%	26.4%	0.8816	13.5%	0.0293	16.0%	0.1009

HIV stigma	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
When learn that you are HIV+, life is over (%Disagree)	81.4%	78.8%	0.3903	93.0%	0.004	85.1%	0.2662
Telling people you are HIV+ doesn't help (%Disagree)	60.6%	53.3%	0.1149	73.2%	0.0634	66.7%	0.2034
HIV is punishment for sinning (%Disagree)	60.2%	59.1%	0.7905	83.9%	0	67.8%	0.121
Only promiscuous people get HIV (%Disagree)	74.6%	71.8%	0.3647	84.2%	0.074	73.5%	0.782
People in community would want to keep secret if family member has HIV (%Strongly agree/agree)	84.6%	83.2%	0.5544	85.0%	0.9253	77.5%	0.0414
People in the community join together to help PLHIV (%Strongly agree/agree)	62.5%	56.6%	0.1197	74.3%	0.0756	65.0%	0.5855

HIV stigma	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Forced sex in the last 12 months	8.7%	6.6%	0.3235	3.8%	0.1002	6.2%	0.2074
Physical GBV in the last 12 months	10.6%	13.0%	0.3286	9.2%	0.6934	17.3%	0.0566
Reported physical violence	66.4%	46.1%	0.0924	36.0%	0.0783	60.2%	0.6645
Report violence to police or authority	36.5%	25.9%	0.2509	45.9%	0.6156	38.7%	0.8311
Leaders speak out against GBV (%Strongly agree/agree)	69.1%	72.0%	0.4481	74.0%	0.3786	72.6%	0.426

Continuous variables	%Unexposed	% Kwatu	P-value	%SAfAIDS	P-value	%Kwatu & SAfAIDS	P-value
Number of lifetime partners	2.4	3.0	0.0363	2.9	0.3471	3.4	0.0091
Age at first sex	16.9	16.6	0.1665	18.0	0.0021	17.5	0.09
Number of times tested for HIV	1.8	1.7	0.5325	1.8	0.8498	1.8	0.9065