

PROBIT REGRESSION RESULTS:
EXPOSURE TO SAFAIDS

RURAL

Multiple Partners: Total Sample

Other Risk Factors: Total Sample

HIV Communication: Total Sample

Condom Use: Total Sample

HIV Testing: Total Sample

HIV Treatment: Total Sample

HIV Stigma: Total Sample

Gender-Based Violence: Total Sample

Knows multiple sexual partners increase HIV Risk k5r
 Variable name:k5r

	Unexposed		Exposed	
Probability	0.8920	.	0.8352	.
95% CI	0.8557	0.9282	0.6822	0.9883
P-value	.	.	0.4847	.

People Discuss HIV Risk & Multiple Partners
 Variable name:cn8r

	Unexposed		Exposed	
Probability	0.5754	.	0.6715	.
95% CI	0.5199	0.6309	0.5870	0.7559
P-value	.	.	0.0004	.

Most married men faithful to wives
 Variable name:alr

	Unexposed		Exposed	
Probability	0.4274	.	0.2826	.
95% CI	0.3845	0.4702	0.1937	0.3716
P-value	.	.	0.0246	.

Leaders Discourage Multiple Partners
 Variable name:cn9r

	Unexposed		Exposed	
Probability	0.4440	.	0.4299	.
95% CI	0.3855	0.5025	0.2387	0.6211
P-value	.	.	0.9022	.

Men with many women are real men
 Variable name:a5r

	Unexposed		Exposed	
Probability	0.1013	.	0.1332	.
95% CI	0.0779	0.1248	0.0813	0.1850
P-value	.	.	0.3953	.

Can resist being unfaithful to main partner
 Variable name:a2r

	Unexposed		Exposed	
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	Unexposed		Exposed	
Probability	0.7327	.	0.7852	.
95% CI	0.6897	0.7757	0.6917	0.8787
P-value	.	.	0.3096	.

Does not need someone to fill gap
Variable name:a3r

	Unexposed		Exposed	
Probability	0.5655	.	0.7361	.
95% CI	0.5080	0.6231	0.6673	0.8048
P-value	.	.	0.0047	.

Multiple Partners (Last 12 Months) b2
Variable name:mp1

	Unexposed		Exposed	
Probability	0.1524	.	0.2621	.
95% CI	0.0907	0.2140	0.1881	0.3361
P-value	.	.	0.0845	.

Multiple Partners (Last Month)b4
Variable name:mp2

	Unexposed		Exposed	
Probability	0.0592	.	0.0976	.
95% CI	0.0451	0.0733	0.0475	0.1478
P-value	.	.	0.2168	.

Self-reported having concurrent partners in the past 12 months b3
Variable name:b3r

	Unexposed		Exposed	
Probability	0.0905	.	0.0681	.
95% CI	0.0634	0.1176	0.0123	0.1238
P-value	.	.	0.3120	.

Currently have ore than one sexual partner (past 3 months) b5
Variable name:b5r

	Unexposed		Exposed	
Probability	0.0804	.	0.0997	.
95% CI	0.0628	0.0980	0.0644	0.1350

P-value	.	.	0.4486	.
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Received gifts or money in exchange for sex with last partner b20
 Variable name:gifts

	Unexposed		Exposed	
Probability	0.1204	.	0.1557	.
95% CI	0.0778	0.1630	0.1083	0.2031
P-value	.	.	0.3216	.

Received gifts or money in exchange for sex with last partner, if regular
 Variable name:gifts_reg

	Unexposed		Exposed	
Probability	0.1290	.	0.1379	.
95% CI	0.1057	0.1523	0.0313	0.2445
P-value	.	.	0.8783	.

Received gifts or money in exchange for sex with last partner, if casual
 Variable name:gifts_cas

	Unexposed		Exposed	
Probability	0.1271	.	0.1323	.
95% CI	0.0782	0.1759	0.0761	0.1885
P-value	.	.	0.8984	.

Gave gifts or money in exchange for sex with last partner b21
 Variable name:paid

	Unexposed		Exposed	
Probability	0.0645	.	0.0985	.
95% CI	0.0368	0.0921	0.0351	0.1620
P-value	.	.	0.3505	.

Gave gifts or money in exchange for sex with last partner, if regular
 Variable name:paid_reg

	Unexposed		Exposed	
Probability	0.0561	.	0.0322	.
95% CI	0.0399	0.0723	0.0062	0.0581
P-value	.	.	0.2876	.

P-value	.	.	0.0031	.
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10+ year age difference between respondent and last sexual partner
Variable name:agedif_a1

	Unexposed		Exposed	
Probability	0.0960	.	0.0747	.
95% CI	0.0649	0.1270	0.0223	0.1272
P-value	.	.	0.6076	.

10+ year age difference between respondent and next to last sexual partner
Variable name:agedif_b1

	Unexposed		Exposed	
Probability	0.0154	.	0.0445	.
95% CI	0.0068	0.0240	0.0046	0.0843
P-value	.	.	0.1140	.

10+ year age difference between respondent and third to last sexual partner
Variable name:agedif_c1

	Unexposed		Exposed	
Probability	0.0510	.	0.6768	.
95% CI	.	.	.	.
P-value	.	.	.	.

```

. *****
.
. set more 1

. #delimit ;
delimiter now ;
. local hivcomvars
> "disc_spouse disc_kids disc_friends disc_any a4r";

. *b22r b23r;
. #delimit cr;
delimiter now cr
.
.
.
.
. *****
. * HIV COMMUNICATION
. *****
.
.

```


	Unexposed		Exposed	
Probability	0.7316	.	0.7522	.
95% CI	0.6982	0.7651	0.6430	0.8615
P-value	.	.	0.7312	.

Sex life improves with communication about HIV
Variable name:a4r

	Unexposed		Exposed	
Probability	0.8794	.	0.8913	.
95% CI	0.8589	0.8998	0.8039	0.9788
P-value	.	.	0.7567	.

. *****
 . * CONDOM USE
 . *****

While in ART, PLHIV can transmit HIV k4r
 Variable name:k4r

	Unexposed		Exposed	
Probability	0.8702	.	0.9318	.
95% CI	0.8166	0.9237	0.9048	0.9589
P-value	.	.	0.0323	.

Knows PLHIV on ART can transmit HIV k3r
 Variable name:k3r

	Unexposed		Exposed	
Probability	0.8545	.	0.9184	.
95% CI	0.8291	0.8800	0.8469	0.9899
P-value	.	.	0.1094	.

Percentage who disagree that if one spouse is HIV+ the other certainly is k1r
 Variable name:k1r

	Unexposed		Exposed	
Probability	0.4112	.	0.5220	.
95% CI	0.3513	0.4710	0.4246	0.6194
P-value	.	.	0.0372	.

Knows that STIs increase HIV infection k2r
 Variable name:k2r

	Unexposed		Exposed	
Probability	0.8720	.	0.8367	.
95% CI	0.8407	0.9032	0.7486	0.9247
P-value	.	.	0.5109	.

Condom Use in Marriage Accepted
 Variable name:cn1r

	Unexposed		Exposed	
Probability	0.6491	.	0.6773	.
95% CI	0.5716	0.7266	0.5492	0.8054
P-value	.	.	0.7521	.

Women Can Ask Regular Parnter to Use Condom
 Variable name:cn2r

	Unexposed		Exposed	
Probability	0.6942	.	0.6725	.
95% CI	0.6408	0.7476	0.5054	0.8396
P-value	.	.	0.8135	.

Variable name:cn2ar

	Unexposed		Exposed	
Probability	0.7228	.	0.6531	.
95% CI	0.6558	0.7897	0.5218	0.7845
P-value	.	.	0.4752	.

Condom use at last sex among those ever having sex b7
 Variable name:cls

	Unexposed		Exposed	
Probability	0.5060	.	0.6503	.
95% CI	0.4351	0.5769	0.5017	0.7989
P-value	.	.	0.1621	.

Condom at last sex, if regular parnter
 Variable name:cls_reg

	Unexposed		Exposed	
Probability	0.2564	.	0.2442	.
95% CI	0.2348	0.2780	0.1456	0.3427
P-value	.	.	0.8244	.

Condom at last sex, if casual parnter
 Variable name:cls_cas

	Unexposed		Exposed	
Probability	0.7889	.	0.8476	.
95% CI	0.7331	0.8447	0.7243	0.9708
P-value	.	.	0.4077	.

Condom at last sex among those with multiple partners
 Variable name:cls_mp

	Unexposed		Exposed	
Probability	0.7889	.	0.8476	.
95% CI	0.7331	0.8447	0.7243	0.9708
P-value	.	.	0.4077	.

Knows TB can be cured if HIV+ k6r
 Variable name:k6r

	Unexposed		Exposed	
Probability	0.7341	.	0.7306	.
95% CI	0.6603	0.8080	0.6257	0.8355
P-value	.	.	0.9675	.

Knows that the risk of contracting HIV decreases for a circumcised man k10r
 Variable name:k10r

	Unexposed		Exposed	
Probability	0.7143	.	0.8205	.
95% CI	0.6569	0.7717	0.7556	0.8853
P-value	.	.	0.0296	.

Worried about Becoming Infected
 Variable name:a11r

	Unexposed		Exposed	
Probability	0.6329	.	0.5789	.
95% CI	0.5465	0.7193	0.4827	0.6750
P-value	.	.	0.4018	.

Likely to be Infected Now
 Variable name:a12r

	Unexposed		Exposed	
Probability	0.2848	.	0.4520	.
95% CI	0.2378	0.3318	0.3732	0.5308
P-value	.	.	0.0138	.

Agrees that wife/cohabitating partner has another partner b8
 Variable name:b8r

	Unexposed		Exposed	
Probability	0.1648	.	0.5158	.
95% CI	.	.	.	.
P-value	.	.	.	.

Thinks that last partner had other sexual partners
 Variable name:b18_r1a

	Unexposed		Exposed	
Probability				
95% CI				
P-value				

	Unexposed		Exposed	
Probability	0.1718	.	0.4636	.
95% CI	0.1461	0.1975	0.3219	0.6053
P-value	.	.	0.0002	.

Thinks that next to last partner had other sexual partners
Variable name:b18_r2a

	Unexposed		Exposed	
Probability	0.4361	.	0.3287	.
95% CI	0.2850	0.5873	0.0917	0.5658
P-value	.	.	0.5232	.

Thinks that third to last partner had other sexual partners
Variable name:b18_r3a

	Unexposed		Exposed	
Probability	0.4461	.	0.3920	.
95% CI	0.3698	0.5225	0.1828	0.6011
P-value	.	.	0.6687	.

Leaders Encourage HIV Testing
Variable name:cn5r

	Unexposed		Exposed	
Probability	0.5303	.	0.5319	.
95% CI	0.4799	0.5806	0.3824	0.6814
P-value	.	.	0.9795	.

Knows where to get HIV/AIDS info. k11r
Variable name:k11r

	Unexposed		Exposed	
Probability	0.8833	.	0.9721	.
95% CI	0.8490	0.9175	0.9400	1.0043
P-value	.	.	0.0260	.

a7 Disagrees that HIV Means Life is Over
Variable name:a7r

	Unexposed		Exposed	
Probability	0.7841	.	0.7115	.
95% CI	0.7528	0.8154	0.6194	0.8037

P-value	.	.	0.1828	.
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Ever Tested for HIV b24
Variable name:evertest

	Unexposed		Exposed	
Probability	0.7246	.	0.7179	.
95% CI	0.6741	0.7752	0.6339	0.8020
P-value	.	.	0.9205	.

HIV Test in the Last 12 Months b24b
Variable name:hivtest

	Unexposed		Exposed	
Probability	0.5762	.	0.4878	.
95% CI	0.5059	0.6465	0.4004	0.5752
P-value	.	.	0.2191	.

Received results of most recent HIV test b24c
Variable name:hivresults

	Unexposed		Exposed	
Probability	0.9654	.	0.9431	.
95% CI	0.9533	0.9774	0.8983	0.9879
P-value	.	.	0.2210	.

Discussed results of most recent HIV test b24d
Variable name:results_disc

	Unexposed		Exposed	
Probability	0.9337	.	0.8371	.
95% CI	0.8993	0.9681	0.7704	0.9038
P-value	.	.	0.0248	.

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. *****
. * TREATMENT VARIABLES
. *****
.
.
. #delimit ;
delimitter now ;
. local treatmentvars

```


P-value	.	.	0.5868	.
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Knows how often people should take ARVs k9r
 Variable name:k9r

	Unexposed		Exposed	
Probability	0.8801	.	0.7816	.
95% CI	0.8426	0.9177	0.7038	0.8594
P-value	.	.	0.0225	.

Leaders Encourage HIV Treatment
 Variable name:cn6r

	Unexposed		Exposed	
Probability	0.6463	.	0.5998	.
95% CI	0.6174	0.6753	0.4621	0.7376
P-value	.	.	0.5463	.

Has ever taken ARVs b28
 Variable name:b28r

	Unexposed		Exposed	
Probability	0.0698	.	0.1436	.
95% CI	0.0533	0.0863	0.0728	0.2143
P-value	.	.	0.0184	.

Received support from an ARV treatment buddy or CBV, among those who have ever t
 Variable name:b29r

	Unexposed		Exposed	
Probability	0.1484	.	0.2509	.
95% CI	0.1011	0.1957	0.1499	0.3518
P-value	.	.	0.0261	.

Does not struggle to take your ARV drugs as advised by the doctor b30
 Variable name:b30r

	Unexposed		Exposed	
Probability	0.6666	.	0.0215	.
95% CI	.	.	.	.
P-value	.	.	.	.

```

.
.
. #delimit ;
delimiter now ;
. local stigmavars
> "a9r a8r pc6r cn4r cn3r pc5r cn12r";

. #delimit cr;
delimiter now cr
.
.
.
.
. *****
. * STIGMA
. *****
.
.
. log off
      name: <unnamed>
      log:  D:\Stata data\probit_saf_health_rural.smcl
      log type: smcl
      paused on: 24 Apr 2012, 19:08:07
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-----
      name: <unnamed>
      log:  D:\Stata data\probit_saf_health_rural.smcl
      log type: smcl
      resumed on: 24 Apr 2012, 19:08:14
.
. foreach x of local stigmavars {
2. di "`": var label `x'''' _continue
3. matlist results_`x', format(%9.4f) title(Variable name:`x') nodotz border(all)
4. di " "
5. di "_____ " _continue
6. di " "
7. }
a9 Disagrees that HIV is a punishment for sinning
Variable name:a9r

```

	Unexposed		Exposed	
Probability	0.5359	.	0.5100	.
95% CI	0.4433	0.6286	0.4634	0.5566
P-value	.	.	0.6197	.

```

a8 Disagrees that revealing HIV status doesn't help
Variable name:a8r

```

	Unexposed		Exposed	
Probability	0.7447	.	0.6627	.

95% CI	0.6948	0.7945	0.5340	0.7913
P-value	.	.	0.1549	.

Willing to Care for Someone on ART
Variable name:pc6r

	Unexposed		Exposed	
Probability	0.9568	.	0.9512	.
95% CI	0.9363	0.9773	0.9184	0.9839
P-value	.	.	0.7271	.

People in the community joint together to help PLHIV
Variable name:cn4r

	Unexposed		Exposed	
Probability	0.5311	.	0.4340	.
95% CI	0.5019	0.5603	0.3119	0.5561
P-value	.	.	0.1945	.

Keep Secret if Family Member has HIV
Variable name:cn3r

	Unexposed		Exposed	
Probability	0.6336	.	0.7331	.
95% CI	0.5721	0.6952	0.6977	0.7686
P-value	.	.	0.0114	.

Cared for someone on ART
Variable name:pc5r

	Unexposed		Exposed	
Probability	0.1586	.	0.2378	.
95% CI	0.1244	0.1929	0.1362	0.3395
P-value	.	.	0.1399	.

Agrees that wife inheritance is practiced in the community
Variable name:cn12r

	Unexposed		Exposed	
Probability	0.0911	.	0.0490	.
95% CI	0.0687	0.1135	0.0119	0.0860
P-value	.	.	0.1280	.

```

. set more 1

. #delimit ;
delimiter now ;
. local gbvvars
> "a6r cn7r gbv_sex12 gbv_hit12 fhitreport_family fhitreport_friend fhitreport_police
fhitreport_auth fhitreport_any" ;

. *fsexreport_family fsexreport_friend fsexreport_com fsexreport_police
fsexreport_auth fsexreport_any omitted due to small n of cases;
. *fhitreport_com did not converge;
. #delimit cr;
delimiter now cr

```

```

.
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.
.
. *****
. * GBV vars
. *****
.
.
. log off
      name: <unnamed>
      log:  D:\Stata data\probit_saf_health_rural.smcl
      log type: smcl
      paused on: 24 Apr 2012, 19:08:14

```

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-----
-----
      name: <unnamed>
      log:  D:\Stata data\probit_saf_health_rural.smcl
      log type: smcl
      resumed on: 24 Apr 2012, 19:08:23

```

```

. foreach x of local gbvvars {
2. di "`": var label `x'''' _continue
3. matlist results_`x', format(%9.4f) title(Variable name:`x') nodotz border(all)
4. di " "
5. di "-----" _continue
6. di " "
7. }

```

Man has right to have sex for gifts
Variable name:a6r

	Unexposed		Exposed	
Probability	0.3273	.	0.3892	.
95% CI	0.2751	0.3794	0.3383	0.4400
P-value	.	.	0.1799	.

Leaders Speak Out Against GBV
Variable name:cn7r

	Unexposed		Exposed	
Probability	0.5812	.	0.5276	.
95% CI	0.5447	0.6177	0.3568	0.6985
P-value	.	.	0.5382	.

Forced Sex in the Last 12 Months

Variable name:gbv_sex12

	Unexposed		Exposed	
Probability	0.0401	.	0.0103	.
95% CI	0.0243	0.0560	-0.0057	0.0263
P-value	.	.	0.0573	.

Physical GBV in the Last 12 Months

Variable name:gbv_hit12

	Unexposed		Exposed	
Probability	0.0975	.	0.1354	.
95% CI	0.0719	0.1231	0.0852	0.1855
P-value	.	.	0.0155	.

Reported forced sex to family member

Variable name:fhitreport_family

	Unexposed		Exposed	
Probability	0.2108	.	0.1981	.
95% CI	0.1809	0.2407	0.1589	0.2374
P-value	.	.	0.6958	.

Reported forced sex to a friend

Variable name:fhitreport_friend

	Unexposed		Exposed	
Probability	0.1125	.	.	.
95% CI	.	.	.	.
P-value	.	.	.	.

Reported forced sex to a police

Variable name:fhitreport_police

	Unexposed		Exposed	
Probability	0.0902	.	0.4646	.

95% CI	0.0817	0.0987	0.2900	0.6392
P-value	.	.	0.0003	.

Reported forced sex to a authorities
Variable name:fhitreport_auth

	Unexposed		Exposed	
Probability	0.0181	.	0.4409	.
95% CI	.	.	.	.
P-value	.	.	.	.

Reported gbv to anyone
Variable name:fhitreport_any

	Unexposed		Exposed	
Probability	0.2815	.	0.4012	.
95% CI	0.2440	0.3190	0.2945	0.5078
P-value	.	.	0.0267	.

```

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.
.
. #delimit ;
delimiter now ;
. local contvars
> "lifep numtest firstsex" ;

. #delimit cr;
delimiter now cr

.
.
.
. *****
. * continuous VARIABLES
. *****
.
.
. log off
name: <unnamed>
log: D:\Stata data\probit_saf_health_rural.smcl
log type: smcl
paused on: 24 Apr 2012, 19:08:23

```

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name: <unnamed>
log: D:\Stata data\probit_saf_health_rural.smcl
log type: smcl
resumed on: 24 Apr 2012, 19:08:24

```

```

. foreach x of local contvars {
2. di "`": var label `x'''' _continue
3. matlist results_`x', format(%9.4f) title(Variable name:`x') nodotz border(all)
4. di " "
5. di "_____ " _continue
6. di " "
7. }

```

Number of Lifetime Partners b6
Variable name:lifep

	Unexposed		Exposed	
Mean	4.2440	.	4.2440	.
95% CI	3.6058	4.8822	3.6058	4.8822
P-value	.	.	0.8729	.

Number of Times Tested for HIV b24a
Variable name:numtest

	Unexposed		Exposed	
Mean	2.0727	.	2.0727	.
95% CI	1.8954	2.2500	1.8954	2.2500
P-value	.	.	0.2381	.

age at first sex
Variable name:firstsex

	Unexposed		Exposed	
Mean	19.8020	.	19.8020	.
95% CI	18.9175	20.6866	18.9175	20.6866
P-value	.	.	0.4009	.

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end of do-file

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```

. log close
name: <unnamed>
log: D:\Stata data\probit_saf_health_rural.smcl
log type: smcl
closed on: 24 Apr 2012, 19:08:29

```