

Appendix W.2: Second Stage Regressions, including Controls

Note: Tables here report the second stage regressions generated by predicting HIV rate from the first stage equation and substituting in to the second stage. As a result, the standard errors on the HIV rate and HIV interactions are too small; the paper reports these coefficients with corrected standard errors.

Appendix Table W.2.1. *Second Stage Estimates, Table 4 Panel A*

	<i>Dependent Variable: More than One Partner (0/1)</i>			
	Single Women	Single Men	Married Women	Married Men
Explanatory Variables:				
Log HIV Rate	-.0064 (.012)	-.0060 (.072)	-.0056 (.03)	.0908 (.066)
Muslim	-.0021 (.003)	.0251* (.015)	-.0027 (.003)	.0153 (.014)
Latitude	-.0009* (.001)	-.0056 (.004)	-.0001 (.002)	-.0041 (.003)
Longitude	.0001 (.001)	-.0093*** (.003)	-.0023* (.001)	-.0082** (.003)
Age	.0063*** (.001)	.0359*** (.004)	-.0031** (.001)	-.0138*** (.003)
Age-Squared	-.0001*** (0)	-.0005*** (0)	0* (0)	.0001*** (0)
Education	-.0015 (.001)	.0106** (.005)	-.0004 (.002)	.0103** (.005)
Urban	.0054** (.002)	.0541*** (.01)	.0094** (.005)	.0335*** (.008)
Works	.0003*** (0)	.0002 (.001)	-.0002 (0)	.0009* (0)
# Kids	.0025** (.001)	.0018 (.002)	.0011 (.001)	.0031** (.001)
# Kids Home	-.0065*** (.001)	.002 (.011)	-.0051*** (.001)	-.0087*** (.002)
% Muslim in Region	-.0047 (.008)	-.014 (.048)	.0063 (.007)	-.0383 (.049)
Ever Married	.0109** (.004)	.011 (.021)	0 (0)	0 (0)
Country FE	YES	YES	YES	YES
Number of Observations	28095	13518	58407	15958
R ²	.01	.08	.06	.05

^a standard errors in parenthesis, clustered by region
* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.2. *Second Stage Estimates, Table 4 Panel B*

	<i>Dependent Variable: Number of Partners</i>			
	Single Women	Single Men	Married Women	Married Men
Explanatory Variables:				
Log HIV Rate	-.1222 (.098)	-.356 (.473)	-.0176 (.032)	.122 (.12)
Muslim	-.021 (.017)	.1055* (.055)	-.0005 (.004)	.0375 (.028)
Latitude	-.0103** (.005)	-.033 (.022)	-.0005 (.002)	-.0096 (.006)
Longitude	-.0088* (.005)	-.0383** (.017)	-.002 (.001)	-.0106* (.005)
Age	.0832*** (.007)	.1781*** (.017)	-.0036** (.001)	-.021*** (.005)
Age Squared	-.0014*** (0)	-.0026*** (0)	0** (0)	.0002*** (0)
Education	.0135* (.007)	.0648*** (.023)	-.0007 (.002)	.0165* (.009)
Urban	.0547*** (.015)	.191*** (.061)	.0109** (.005)	.0902*** (.02)
Works	.0022*** (.001)	.0037 (.002)	-.0002 (0)	.0016* (.001)
# Kids	.0215*** (.006)	.01 (.006)	.0014 (.001)	.0059*** (.002)
# Kids Home	-.0389*** (.006)	-.0377 (.033)	-.0057*** (.001)	-.017*** (.004)
% Muslim in Region	-.0378 (.059)	-.0481 (.219)	.0031 (.008)	-.1214 (.09)
Ever Married	-.0433** (.021)	-.0541 (.099)		
Country FE	YES	YES	YES	YES
Number of Observations	28095	13517	58402	15879
R ²	.11	.11	.04	.04

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.3. *Second Stage Estimates, Table 5*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV Rate	.025 (.044)	.4721** (.219)	.0436 (.177)	1.941*** (.681)
Income × HIV	−.0021** (.001)	−.011*** (.003)	−.0109*** (.003)	−.0228** (.01)
Yrs Left × HIV	−.0018*** (.001)	−.0007 (.001)	−.0009 (.002)	.0005 (.004)
Age × HIV	−.001*** (0)	−.0006 (.001)	.0002 (.001)	−.0014 (.004)
Married × HIV	.0168* (.009)	−.0082 (.012)	−.0099 (.014)	−.0455 (.044)
Yrs Left	.0037*** (.001)	.0015 (.003)	.0009 (.003)	.0029 (.009)
Income	−.0005 (.002)	.0226*** (.005)	.0037 (.005)	.0421** (.02)
Muslim	−.0032* (.002)	.0178 (.011)	−.0038 (.005)	.0419 (.03)
Latitude	−.0009 (.001)	.0031 (.004)	−.0041 (.003)	.0109 (.012)
Longitude	−.0019** (.001)	−.0078** (.003)	−.0069*** (.003)	−.0178* (.009)
Age	.002** (.001)	.0149*** (.003)	.029*** (.004)	.0899*** (.012)
Age-Squared	0 (0)	−.0002*** (0)	−.0005*** (0)	−.0011*** (0)
Education	.0011 (.002)	.0086** (.004)	.015*** (.003)	.0276*** (.01)
Urban	.0118*** (.003)	.029*** (.007)	.0463*** (.007)	.1011*** (.028)
Works	−.0001 (0)	.0007 (.001)	.0004 (0)	.0024* (.001)
# Kids	.0008 (.001)	.0018 (.001)	.0042** (.002)	.0035 (.003)
# Kids Home	−.0059*** (.001)	−.0076*** (.002)	−.0136*** (.002)	−.024*** (.005)
% Muslim in Region	.0021 (.005)	−.0255 (.039)	−.0119 (.023)	−.0495 (.103)
Married Now	−.0286* (.016)	−.0317 (.031)	.7692*** (.036)	.3246*** (.106)
Ever Married	.0301*** (.005)	.0817*** (.022)	−.0294* (.016)	.1427* (.085)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	83704	23280	83700	23211
R ²	.04	.05	.51	.14

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.4. *Second Stage Estimates, Table 6 Panel A*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV Rate	-.1403*** (.042)	.3779** (.187)	-.1668 (.103)	1.5188** (.584)
Income × HIV	-.0007 (.001)	-.0046 (.005)	-.0072** (.003)	-.0049 (.023)
Malaria × HIV	.057*** (.013)	.111** (.044)	.141*** (.024)	.458*** (.14)
Age × HIV	0 (0)	-.0005 (.001)	.0002 (.001)	-.0041*** (.001)
Married × HIV	.0215 (.014)	-.0049 (.019)	-.0025 (.018)	.0042 (.056)
Malaria	-.077*** (.025)	-.1369* (.079)	-.1976*** (.045)	-.7437*** (.212)
Income	-.0013 (.002)	.0093 (.008)	-.0007 (.005)	.0184 (.045)
Muslim	-.0011 (.003)	.0321* (.016)	.006 (.007)	.0745 (.046)
Latitude	-.0043*** (.001)	-.0077* (.005)	-.011*** (.003)	-.02 (.013)
Longitude	-.0004 (.001)	-.0037 (.004)	-.0011 (.003)	-.0116 (.012)
Age	-.0012 (.001)	.012*** (.004)	.0241*** (.004)	.0849*** (.013)
Age-Squared	0 (0)	-.0002*** (0)	-.0004*** (0)	-.0011*** (0)
Education	.0019 (.002)	.0136** (.006)	.0175*** (.004)	.0316** (.014)
Urban	.0116*** (.004)	.03*** (.009)	.0339*** (.008)	.0577* (.033)
Works	-.0001 (0)	.0002 (.001)	.0005 (.001)	.0011 (.001)
# Kids	-.0002 (0)	.0077*** (.002)	.0012 (.002)	.0136*** (.005)
# Kids Home	-.0055*** (.001)	-.0142*** (.003)	-.0115*** (.002)	-.0387*** (.006)
% Muslim in Region	-.0093 (.01)	-.061* (.035)	-.0577* (.035)	-.1259 (.118)
Married Now	-.0351 (.024)	-.0141 (.043)	.742*** (.048)	.2563* (.153)
Ever Married	.0356*** (.008)	.0836*** (.027)	-.038* (.023)	.1623 (.125)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	43101	12198	43101	12151
R ²	.03	.06	.49	.14

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.5. *Second Stage Estimates, Table 6 Panel B*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
Explanatory Variables:				
Log HIV Rate	.0644 (.045)	.0184 (.128)	0 (0)	-.0347 (.394)
Young × Income × HIV	.0017 (.002)	-.0012 (.009)	.0008 (.007)	.0005 (.046)
Young × Maternal Mort. × HIV	.493*** (.161)	-.523 (.396)	1.774*** (.471)	-1.025 (1.189)
Income × HIV	-.0048*** (.002)	-.0085 (.006)	-.0155*** (.004)	-.0395 (.042)
Maternal Mortality × HIV	-.458** (.193)	-.059 (.551)	-.826** (.375)	.768 (1.93)
Young × Income	.0001 (.004)	-.0024 (.025)	.0019 (.018)	-.0485 (.128)
Young × HIV	-.0362*** (.01)	.0319 (.021)	-.1528*** (.034)	.0642 (.068)
Young × Maternal Mort.	-.6396** (.278)	1.9648** (.946)	-3.2476*** (.894)	4.2756 (2.685)
Young	.0404** (.017)	-.1295*** (.048)	.282*** (.063)	-.2786* (.148)
Maternal Mortality	.7755** (.325)	.048 (1.283)	1.8583** (.715)	-1.9007 (4.079)
Income	.0059** (.003)	.0149 (.015)	.0173** (.009)	.1188 (.116)
Age × HIV	.0001 (.001)	-.0006 (.002)	.001 (.001)	-.0073 (.006)
Married × HIV	.0186 (.013)	.0061 (.022)	-.0456 (.03)	.012 (.076)
Muslim	-.0041 (.003)	.0168 (.019)	-.0077 (.008)	.0472 (.047)
Latitude	-.0034 (.002)	-.0027 (.007)	-.0105* (.005)	-.0006 (.021)
Longitude	-.0033*** (.001)	-.0084* (.004)	-.0103*** (.003)	-.0234 (.015)
Age	-.0037 (.003)	.0669*** (.012)	.0759*** (.01)	.3061*** (.047)
Age Squared	.0001 (0)	-.0013*** (0)	-.0015*** (0)	-.0054*** (.001)
Education	-.0004 (.002)	.0007 (.008)	.0093 (.006)	.0219 (.015)
Urban	.0144*** (.005)	.0402*** (.01)	.0532*** (.011)	.1179*** (.041)
Works	.0004*** (0)	-.0001 (.001)	.0013*** (0)	.0011 (.002)
# Kids	.0024 (.001)	-.0008 (.001)	.0105*** (.003)	-.0013 (.003)
# Kids Home	-.0101*** (.002)	-.0092 (.006)	-.0168*** (.004)	-.0216 (.017)

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<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
% Muslim in Region	.0074 (.007)	.0161 (.038)	.0168 (.027)	.159 (.116)
Married Now	-.0327 (.027)	-.0736 (.059)	.8033*** (.081)	.036 (.212)
Ever Married	.0383*** (.007)	.0934*** (.035)	.035 (.022)	.296* (.166)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	43309	9368	43306	9356
R ²	.05	.06	.49	.16

^a standard errors in parenthesis, clustered by region
* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.6. *Second Stage Estimates, Table 7 Panel A*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV RAte	.0456 (.047)	.5578** (.221)	.1156 (.179)	2.0997*** (.72)
Income × HIV	−.0020* (.001)	−.0101*** (.003)	−.0102*** (.003)	−.0207 (.013)
Yrs Left × HIV	−.0023*** (.001)	−.0013 (.001)	−.0027* (.002)	.0015 (.007)
Knowledge × HIV	−.0008 (.003)	−.0119 (.008)	.0009 (.006)	−.0162 (.033)
Age × HIV	−.0015*** (0)	−.0015 (.001)	−.0014 (.001)	−.0022 (.005)
Married × HIV	.0259** (.011)	.0007 (.014)	.0026 (.015)	−.0487 (.057)
Yrs Left	.0046*** (.001)	.0019 (.003)	.0032 (.003)	.0005 (.011)
Income	−.0008 (.002)	.021*** (.006)	.0016 (.005)	.034 (.023)
Knowledge	.0087** (.004)	.0378*** (.013)	.0373*** (.01)	.1373*** (.048)
Muslim	−.0033* (.002)	.0254* (.013)	−.0036 (.005)	.0504 (.035)
Latitude	−.0006 (.001)	.0042 (.004)	−.0031 (.003)	.0131 (.012)
Longitude	−.0011 (.001)	−.0063 (.004)	−.0038* (.002)	−.0162 (.013)
Age	.0025** (.001)	.0151*** (.004)	.029*** (.004)	.0881*** (.013)
Age-Squared	0 (0)	−.0002*** (0)	−.0004*** (0)	−.0011*** (0)
Education	.0012 (.002)	.0097** (.005)	.0146*** (.003)	.0218* (.012)
Urban	.0094*** (.003)	.0307*** (.008)	.0376*** (.007)	.1116*** (.032)
Works	−.0001 (0)	.0008 (.001)	.0003 (0)	.0025** (.001)
# Kids	.0006 (.001)	.0013 (.001)	.0034** (.002)	.0028 (.003)
# Kids Home	−.0057*** (.001)	−.0065*** (.002)	−.0121*** (.002)	−.0217*** (.005)
% Muslim in Region	.0014 (.005)	−.0748* (.043)	−.014 (.023)	−.1769 (.12)
Married Now	−.0413** (.019)	−.0368 (.035)	.7597*** (.036)	.2755** (.118)
Ever Married	.0294*** (.005)	.0815*** (.024)	−.041** (.017)	.1813* (.096)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	79110	19713	79110	19644
R ²	.04	.05	.54	.14

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.7. *Second Stage Estimates, Table 7 Panel B*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV Rate	-.1439*** (.042)	.4367** (.188)	-.1766 (.113)	1.7019*** (.615)
Income × HIV	-.0005 (.001)	-.0041 (.005)	-.0067** (.003)	-.0037 (.023)
Malaria × HIV	.055*** (.012)	.114** (.043)	.137*** (.024)	.460*** (.134)
Knowledge × HIV	.0017 (.004)	-.0113 (.012)	.0110 (.009)	-.0323 (.031)
Age × HIV	0 (0)	-.0006 (.001)	.0002 (.001)	-.0043*** (.001)
Married × HIV	.0217 (.014)	-.0026 (.018)	-.0014 (.018)	.0131 (.055)
Malaria	-.073*** (.024)	-.1259* (.077)	-.193*** (.045)	-.7313*** (.198)
Income	-.0019 (.002)	.0087 (.008)	-.0027 (.005)	.0146 (.046)
Knowledge	.0072 (.005)	.0426** (.018)	.0273** (.013)	.1682*** (.049)
Muslim	-.0013 (.003)	.0371** (.018)	.0042 (.007)	.0798 (.051)
Latitude	-.004*** (.001)	-.0075* (.004)	-.0101*** (.003)	-.0187 (.013)
Longitude	-.0004 (.001)	-.0014 (.004)	-.0013 (.003)	-.006 (.013)
Age	-.0013 (.001)	.0122*** (.004)	.024*** (.004)	.0848*** (.014)
Age-Squared	0 (0)	-.0002*** (0)	-.0004*** (0)	-.0011*** (0)
Education	.0005 (.003)	.0128* (.007)	.0122*** (.004)	.025* (.014)
Urban	.0112*** (.004)	.0294*** (.01)	.0304*** (.008)	.0516 (.035)
Works	-.0001 (0)	.0003 (.001)	.0004 (.001)	.0013 (.001)
# Kids	-.0001 (0)	.0074*** (.002)	.0012 (.002)	.0127** (.005)
# Kids Home	-.0055*** (.001)	-.0136*** (.003)	-.0116*** (.002)	-.035*** (.006)
% Muslim in Region	-.0086 (.01)	-.0457 (.035)	-.059 (.04)	-.0874 (.119)
Married Now	-.0355 (.024)	-.0231 (.043)	.7396*** (.048)	.1764 (.148)
Ever Married	.0347*** (.008)	.0916*** (.028)	-.0409* (.022)	.2158 (.133)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	43033	11555	43033	11508
R ²	.04	.06	.5	.13

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.8. *Second Stage Estimates, Table 7 Panel C*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
Explanatory Variables:				
Log HIV Rate	0 (0)	-.0199 (.126)	0 (0)	.1086 (.503)
Young × Income × HIV	.0017 (.002)	-.0081 (.014)	-.0025 (.009)	-.0082 (.064)
Young × Maternal Mort. × HIV	.536*** (.163)	-.090 (.443)	2.058*** (.438)	.547 (1.162)
Young × Knowledge × HIV	-.0061 (.005)	.0427*** (.016)	.0331* (.02)	.1358*** (.049)
Income × HIV	-.004** (.002)	-.002 (.009)	-.013*** (.005)	-.0260 (.059)
Maternal Mort. × HIV	-.501** (.205)	-.209 (.57)	-.821** (.395)	.660 (2.029)
Knowledge × HIV	-.0033 (.004)	-.0588*** (.015)	-.0168* (.009)	-.1572*** (.047)
Young × HIV	-.0303*** (.01)	-.0049 (.022)	-.1641*** (.034)	-.0488 (.082)
Young × Income	.0006 (.004)	.0099 (.036)	.0053 (.019)	-.0628 (.173)
Young × Knowledge	.0075 (.01)	-.1044*** (.037)	-.04 (.049)	-.2208* (.121)
Young × Maternal Mort.	-.6893** (.286)	.8345 (1.089)	-3.8372*** (.899)	.7329 (2.712)
Young	.0315 (.019)	-.0307 (.049)	.3007*** (.069)	-.0316 (.21)
Income	.0031 (.003)	-.0012 (.022)	.01 (.009)	.0999 (.159)
Maternal Mortality	.8685** (.34)	-.0212 (1.36)	1.9119** (.752)	-2.7059 (4.226)
Knowledge	.0202*** (.007)	.1634*** (.036)	.0765*** (.02)	.5026*** (.102)
Age × HIV	.0001 (.001)	-.001 (.003)	.0011 (.001)	-.0073 (.008)
Married × HIV	.0323* (.016)	.0137 (.025)	-.0342 (.032)	.0299 (.09)
Muslim	-.0039 (.003)	.0287 (.027)	-.007 (.009)	.039 (.064)
Latitude	-.0034 (.002)	.0012 (.006)	-.0088* (.005)	.0128 (.018)
Longitude	-.0033*** (.001)	-.0029 (.005)	-.0073** (.003)	-.0033 (.019)
Age	-.0042 (.003)	.0619*** (.014)	.0703*** (.009)	.2838*** (.056)
Age Squared	.0001* (0)	-.0012*** (0)	-.0014*** (0)	-.005*** (.001)
Education	-.0003 (.002)	-.003 (.01)	.0097* (.005)	.0004 (.017)

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<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
Urban	.0118** (.005)	.0464*** (.011)	.0419*** (.01)	.1298*** (.048)
Works	.0004*** (0)	0 (.001)	.0013*** (0)	.0015 (.002)
# Kids	.0015 (.001)	-.0011 (.001)	.008** (.003)	-.0024 (.003)
# Kids at Home	-.0091*** (.002)	-.0114 (.007)	-.0139*** (.003)	-.0123 (.019)
% Muslim in Region	.0092 (.006)	-.014 (.033)	.0189 (.028)	.1321 (.124)
Married Now	-.0552* (.033)	-.0691 (.069)	.7867*** (.082)	-.1266 (.239)
Ever Married	.0386*** (.007)	.093** (.041)	.0326 (.022)	.3936* (.214)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	39897	7039	39897	7027
R ²	.05	.06	.53	.15

^a standard errors in parenthesis, clustered by region
* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.9. *Second Stage Estimates, Table 8 Panel A*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV Rate	.0185 (.043)	.4626** (.221)	.0277 (.174)	1.9225*** (.685)
Income × HIV	-.0003 (.001)	-.0077*** (.003)	-.0068*** (.003)	-.0156* (.009)
Yrs Left × HIV	-.0016*** (.001)	-.0002 (.001)	-.0006 (.001)	.0015 (.004)
Education × HIV	-.0074*** (.001)	-.0151*** (.004)	-.0183*** (.003)	-.0292** (.012)
Age × HIV	-.001*** (0)	-.0005 (.001)	.0002 (.001)	-.0013 (.003)
Married × HIV	.0152* (.009)	-.0069 (.011)	-.014 (.014)	-.0429 (.045)
Yrs Left	.0034*** (.001)	.0003 (.002)	0 (.003)	.0007 (.009)
Income	-.0033* (.002)	.0174*** (.005)	-.0033 (.005)	.032* (.018)
Muslim	-.0033* (.002)	.0177 (.011)	-.0039 (.005)	.0416 (.03)
Latitude	-.0008 (.001)	.0037 (.004)	-.0039 (.003)	.012 (.012)
Longitude	-.0019** (.001)	-.0073** (.003)	-.0068*** (.002)	-.0168* (.009)
Age	.002* (.001)	.0148*** (.003)	.029*** (.004)	.0897*** (.012)
Age-Squared	0 (0)	-.0002*** (0)	-.0005*** (0)	-.0011*** (0)
Education	.0154*** (.003)	.0348*** (.01)	.0503*** (.005)	.0788*** (.026)
Urban	.0113*** (.003)	.0276*** (.007)	.0448*** (.007)	.0984*** (.027)
Works	-.0001 (0)	.0007 (.001)	.0005 (0)	.0024* (.001)
# Kids	.0008 (.001)	.0019 (.001)	.004** (.002)	.0035 (.003)
# Kids Home	-.0059*** (.001)	-.0074*** (.002)	-.0136*** (.002)	-.0238*** (.005)
% Muslim in Region	.002 (.005)	-.028 (.039)	-.0122 (.023)	-.0542 (.102)
Married Now	-.0252 (.016)	-.0322 (.031)	.7776*** (.036)	.3235*** (.106)
Ever Married	.0305*** (.005)	.0813*** (.022)	-.0284* (.016)	.1417* (.085)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	83704	23280	83700	23211
R ²	.04	.05	.51	.14

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.10. *Second Stage Estimates, Table 8 Panel B*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
	Women	Men	Women	Men
Explanatory Variables:				
Log HIV Rate	-.1235*** (.039)	.4324** (.182)	-.1443 (.099)	1.5996*** (.574)
Income × HIV	.0011 (.001)	-.0012 (.005)	-.0047* (.003)	.0004 (.021)
Malaria × HIV	.0478*** (.012)	.0892** (.042)	.129*** (.024)	.418*** (.138)
Education × HIV	-.009*** (.002)	-.0158** (.007)	-.0114*** (.004)	-.0237* (.016)
Age × HIV	-.0001 (0)	-.0007 (.001)	.0002 (.001)	-.0043*** (.002)
Married × HIV	.0191 (.014)	-.0049 (.018)	-.0057 (.018)	.0041 (.056)
Malaria	-.0602** (.024)	-.0918 (.073)	-.1751*** (.046)	-.6768*** (.208)
Income	-.0043** (.002)	.0049 (.008)	-.0046 (.004)	.0118 (.043)
Muslim	-.0014 (.002)	.0316* (.017)	.0057 (.006)	.0738 (.046)
Latitude	-.0038*** (.001)	-.0065 (.005)	-.0104*** (.003)	-.0181 (.013)
Longitude	-.0003 (.001)	-.0029 (.004)	-.0009 (.003)	-.0104 (.012)
Age	-.001 (.001)	.0124*** (.004)	.0244*** (.004)	.0855*** (.014)
Age-Squared	0 (0)	-.0002*** (0)	-.0004*** (0)	-.0011*** (0)
Education	.0181*** (.004)	.0387*** (.015)	.0392*** (.007)	.0691** (.033)
Urban	.0115*** (.004)	.0291*** (.009)	.0337*** (.008)	.0564* (.033)
Works	-.0001 (0)	.0002 (.001)	.0005 (.001)	.0011 (.001)
# Kids	-.0002 (0)	.0076*** (.002)	.0012 (.002)	.0135*** (.005)
# Kids Home	-.0056*** (.001)	-.0141*** (.003)	-.0116*** (.002)	-.0386*** (.006)
% Muslim in Region	-.0124 (.009)	-.0712** (.035)	-.0618* (.035)	-.141 (.119)
Married Now	-.0304 (.024)	-.0131 (.043)	.7483*** (.047)	.2578* (.152)
Ever Married	.0357*** (.008)	.0838*** (.027)	-.0378* (.022)	.1625 (.124)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	43101	12198	43101	12151
R ²	.04	.06	.49	.14

^a standard errors in parenthesis, clustered by region

* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.11. *Second Stage Estimates, Table 8 Panel C*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
<i>Explanatory Variables:</i>				
Log HIV Rate	.0721*	.0405	0	.0122
	(.04)	(.128)	(0)	(.397)
Young × Income × HIV	−.0006	−.0107	−.0057	−.0176
	(.002)	(.01)	(.006)	(.049)
Young × Maternal Mort. × HIV	.474***	−.581	1.7745***	−1.103
	(.153)	(.417)	(.473)	(1.261)
Young × Educ. × HIV	.0076***	.0237***	.0118	.0438
	(.002)	(.009)	(.008)	(.028)
Income × HIV	−.0014	−.0006	−.0074**	−.0232
	(.001)	(.006)	(.003)	(.043)
Maternal Mortality × HIV	−.459**	−.162	−.845**	.547
	(.183)	(.591)	(.363)	(2.085)
Education × HIV	−.0145***	−.0323***	−.0333***	−.0699***
	(.003)	(.007)	(.006)	(.012)
Young × HIV	−.0428***	.0148	−.1514***	.0358
	(.011)	(.02)	(.034)	(.071)
Young × Income	.0047	.0226	.0165	.0021
	(.004)	(.025)	(.014)	(.137)
Young × Education	−.0127**	−.0628***	−.0359*	−.1219**
	(.006)	(.018)	(.02)	(.05)
Young × Maternal Mort.	−.5199*	2.0917**	−3.0588***	4.5174
	(.269)	(.981)	(.869)	(2.802)
Young	.041**	−.0902**	.2739***	−.2035
	(.018)	(.043)	(.061)	(.163)
Income	−.0015	−.0035	−.0021	.0802
	(.002)	(.014)	(.007)	(.122)
Maternal Mort.	.7533**	.2311	1.8458***	−1.4469
	(.304)	(1.386)	(.698)	(4.472)
Age × HIV	0	−.0001	.0009	−.0062
	(.001)	(.002)	(.001)	(.006)
Married × HIV	.0145	−.0046	−.0555*	−.0114
	(.013)	(.02)	(.029)	(.07)
Muslim	−.0036	.0173	−.0064	.0482
	(.003)	(.019)	(.007)	(.047)
Latitude	−.0035	−.0025	−.0108**	−.0001
	(.002)	(.007)	(.005)	(.021)
Longitude	−.0034***	−.0079*	−.0105***	−.0224
	(.001)	(.004)	(.003)	(.015)
Age	−.0034	.0689***	.0779***	.3111***
	(.003)	(.012)	(.01)	(.046)
Age-Squared	.0001	−.0014***	−.0015***	−.0055***
	(0)	(0)	(0)	(.001)
Education	.0301***	.0727***	.0856***	.1769***
	(.006)	(.018)	(.011)	(.027)
Urban	.0133***	.0365***	.0507***	.1098***
	(.005)	(.01)	(.01)	(.04)

continued on the next page

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>		<i># of Partners</i>	
Works	.0004*** (0)	-.0001 (.001)	.0013*** (0)	.001 (.002)
# Kids	.0023 (.001)	-.0008 (.001)	.0108*** (.003)	-.0013 (.003)
# Kids Home	-.0102*** (.002)	-.0085 (.006)	-.017*** (.004)	-.0203 (.017)
% Muslim in Region	.007 (.006)	.0095 (.035)	.015 (.027)	.1445 (.11)
Married Now	-.0233 (.028)	-.042 (.051)	.8266*** (.079)	.105 (.197)
Ever Married	.0386*** (.007)	.0904** (.035)	.0341 (.022)	.2891* (.166)
Country FE	YES	YES	YES	YES
Country-HIV Inter.	YES	YES	YES	YES
Number of Observations	43309	9368	43306	9356
R ²	.05	.06	.49	.16

^a standard errors in parenthesis, clustered by region
* significant at 10%; ** significant at 5%; *** significant at 1%

Appendix Table W.2.12. *Second Stage Estimates, Table 10*

<i>Dependent Var.</i>	<i>> 1 Partner (0/1)</i>	
	Women	Men
Explanatory Variables:		
Utility Cost	-.0044*** (.001)	-.0175*** (.006)
Muslim	-.0022 (.002)	.0186 (.012)
Latitude	-.0004 (.001)	-.0007 (.004)
Longitude	-.0016* (.001)	-.0064** (.003)
Age	-.0004 (.001)	.0131*** (.003)
Age Squared	0 (0)	-.0002*** (0)
Education	.002 (.002)	.0142*** (.005)
Urban	.0107*** (.003)	.0322*** (.007)
Works	-.0001 (0)	.0007 (.001)
# Kids	.0008 (.001)	.0016 (.001)
# Kids Home	-.0056*** (.001)	-.007*** (.002)
Married Now	-.0165** (.008)	-.0383 (.026)
Ever Married	.0288*** (.005)	.0818*** (.023)
Married × HIV	.0019** (.001)	-.001 (.001)
Country FE	YES	YES
Country-HIV Inter.	YES	YES
Number of Observations	82411	22850
R ²	.03	.05

^a standard errors in parenthesis, clustered by region
* significant at 10%; ** significant at 5%; *** significant at 1%