

Appendix D: Multilevel Logistic regression results for contraceptive uptake, including significant interactions with HIV status.

Parameter (reference in brackets)	Estimate	S.Error	OR	p-value
const	-1.56	0.203		
2008 survey (2003)	0.42	0.074	1.49	0.000
HIV positive (negative)	0.21	0.630	0.81	0.697
Knows HIV status	0.13	0.059	1.14	0.025
Educational attainment (none)				
primary	0.96	0.133	2.62	0.000
sec+	1.42	0.142	4.15	0.000
Wealth quintile (lowest)				
Poorer	0.54	0.105	1.71	0.000
Middle	0.67	0.106	1.95	0.000
Richer	0.71	0.109	2.04	0.000
Richest	0.65	0.132	1.91	0.000
HIV status - wealth Interaction				
HIV positive - poorer	0.49	0.436	1.63	0.258
HIV positive - middle	0.31	0.442	1.37	0.478
HIV positive - richer	0.63	0.424	1.87	0.139
HIV positive - richest	0.93	0.413	2.55	0.024
HIV status – educ. Interaction				
HIV positive - primary	-0.75	0.444	0.47	0.089
HIV positive - secondary+	-1.01	0.465	0.36	0.029
Random cluster variance	0.20	0.035		0.000

* - sig at 5% level (p<0.05)

Other variables included in the model are: perceived HIV risk, individual and cluster level HIV awareness, HIV prevalence in cluster, age group, number of living children, religious affiliation, ethnicity, region of residence, urban/rural residence, marital status, fertility intention and recent sexual activity.