

TABLE 1. Odds ratios indicating change between baseline and postintervention surveys in selected health beliefs among young women in intervention and comparison areas, and net effect of the intervention, four Sub-Saharan African countries

Health belief	Cameroon			Botswana			South Africa			Guinea		
	Inter- vention	Compar- ison	Net effect	Inter- vention	Compar- ison	Net effect	Inter- vention	Compar- ison	Net effect	Inter- vention	Compar- ison	Net effect
Perceptions of risk												
Sexual activity carries the risk of AIDS	0.87	0.77	None	1.18	0.88	None	1.02	4.02**	Negative**	1.24	1.16	None
Sexual activity carries the risk of pregnancy	0.80	0.71*	None	1.95**	1.07	Positive*	7.03**	0.45	Positive**	1.07	2.76**	Negative**
Benefits of abstinence												
Protects against unwanted pregnancy	5.26**	1.72**	Positive**	u	u	u	1.96*	0.58	Positive**	u	u	u
Protects against AIDS	u	u	u	1.53**	0.89	Positive*	2.28*	1.13	None	1.30*	1.31*	None
Benefit of monogamy/fidelity												
Protects against AIDS	u	u	u	0.41**	0.19**	None	1.44	1.11	None	1.13	1.07	None
Benefits of condom use												
Protects against unwanted pregnancy	3.96**	1.31	Positive**	3.75**	1.75**	Positive**	3.17**	2.11*	None	2.26**	2.35**	None
Protects against AIDS	u	u	u	3.44**	0.75	Positive**	3.50**	0.95	Positive**	1.24	2.71**	Negative**
Benefit of other contraceptive use												
Protects against pregnancy	4.48**	1.95**	Positive**	u	u	u	1.95**	0.52**	Positive**	1.19	1.84**	None
Barriers to abstinence												
Most people my age have sex	0.85	0.58**	None	u	u	u	u	u	u	u	u	u
Sex gives status	u	u	u	1.19	1.62	None	u	u	u	u	u	u
Opposition to premarital sex	1.05	1.06	None	u	u	u	u	u	u	u	u	u
Positive for women to have premarital sex	u	u	u	u	u	u	1.60	1.01	None	u	u	u
Positive for men to have premarital sex	u	u	u	u	u	u	1.09	0.51	None	u	u	u
Barriers to condom use												
It is normal for a woman to propose condom use	1.07	0.32**	Positive**	u	u	u	u	u	u	u	u	u
If women suggest condom use, lose respect	u	u	u	1.62**	1.91**	None	u	u	u	u	u	u
Men should take responsibility for protection	u	u	u	u	u	u	0.24*	0.97	None	u	u	u
Self-efficacy												
Believes that AIDS is avoidable	0.96	0.11**	Positive**	u	u	u	u	u	u	u	u	u
Often discusses sexuality/contraception	1.46	0.77	Positive**	u	u	u	u	u	u	1.03	1.64*	None
Discussed sexual matter with partner	u	u	u	0.48*	0.52*	None	u	u	u	u	u	u
Feels confused about sexual matters	u	u	u	u	u	u	0.21**	1.79	Positive**	u	u	u

*p<.05. **p<.01. Notes: u=unavailable. The net effect is determined by the trend in each area and an interaction term that indicates whether the trends differ from each other.