TABLE 1. Selected characteristics of participants in an intervention targeting adolescents at risk for early pregnancy, by timing of assessment, Minneapolis and St. Paul, 2007–2008

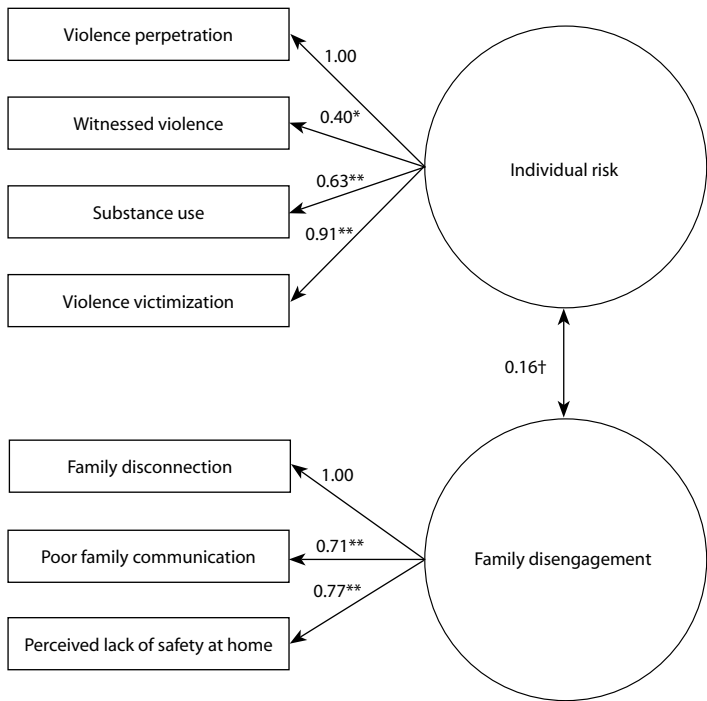| Characteristic	Mean or % (N=241)
Baseline	
Mean age (range, 13–17)	15.6 (1.11)
Race/ethnicity	
Black	41
Hispanic	12
Asian/Pacific Islander	12
White	11
American Indian	3
Mixed/multiple	21
Used condoms consistently in past 6 mos.	55
Mean no. of male sex partners in past 6 mos. (range, 1–12)	1.64 (1.25)
Hit someone or beat someone up in past 6 mos.	43
Been hit or beat up in past 6 mos.	28
Witnessed violence	
Never seen a beating/shooting/stabbing	27
Ever seen a beating or a shooting/stabbing	34
Ever seen a beating and a shooting/stabbing	39
Got drunk/high in past 6 mos.	60
Mean family disconnection score (range, 0–3)	1.11 (0.87)
Mean family communication score (range, 0–3)	1.25 (0.85)
Sometimes/always feels unsafe at home	22
Six-month follow-up	
Used condoms consistently in past 6 mos.	49
Mean no. of male sex partners in past 6 mos. (range, 1–7)	1.53 (1.02)

Notes: Unless otherwise noted, data are percentages. Figures in parentheses are standard deviations. For family disconnection, a higher score indicates greater disconnection; for family communication, a higher score indicates lower communication.

TABLE 2. Coefficients from analyses assessing pairwise correlations between study variables

Variable	Violence perpetration	Substance use	Violence victimization	Witnessed violence	Family disconnection	Poor family communication	Perceived lack of safety at home	Consistent condom use at 6 mos.	No. of sex partners at 6 mos.
Violence perpetration	1.00								
Substance use	0.27**	1.00							
Violence victimization	0.55**	0.20**	1.00						
Witnessed violence	0.35	0.17**	0.23**	1.00					
Family disconnection	0.16*	0.16*	0.21**	0.04	1.00				
Poor family communication	0.05	0.09	0.04	−0.04	0.70**	1.00			
Perceived lack of safety at home	0.05	0.05	0.15*	0.01	0.55**	0.42**	1.00		
Consistent condom use at 6 mos.	0.06	−0.02	0.00	−0.05	−0.14**	−0.15**	−0.08	1.00	
No. of sex partners at 6 mos.	0.16*	0.25**	0.17*	0.04	0.14*	0.09	0.05	−0.03	1.00

*p<.05. **p<.01.

FIGURE 1. Coefficients from factor analyses assessing components of individual risk and family disengagement

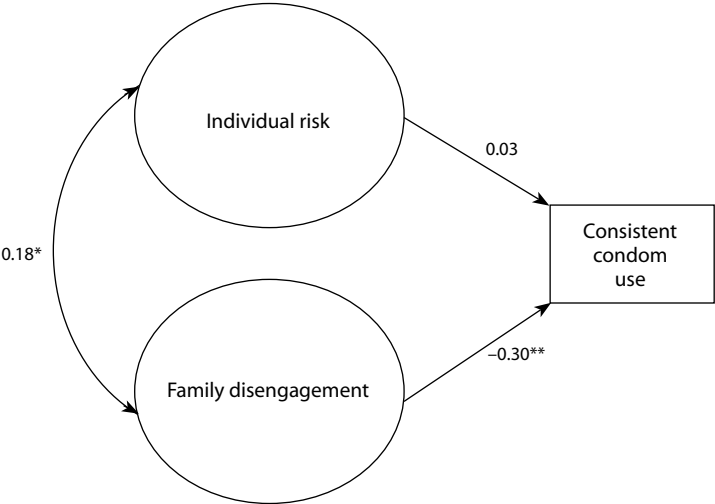$\chi^2 = 3.76; df = 3; p = .15$
CFI = 0.97
TLI = 0.95
RMSEA = 0.06

*p<.05. **p<.01. †p<.10. *Notes:* CFI=comparative fit index. TLI=Tucker-Lewis index. RMSEA=root mean square error of approximation.

TABLE 3. Coefficients assessing associations of exogenous variables with latent constructs and dependent variables in structural models examining sexual risk behavior
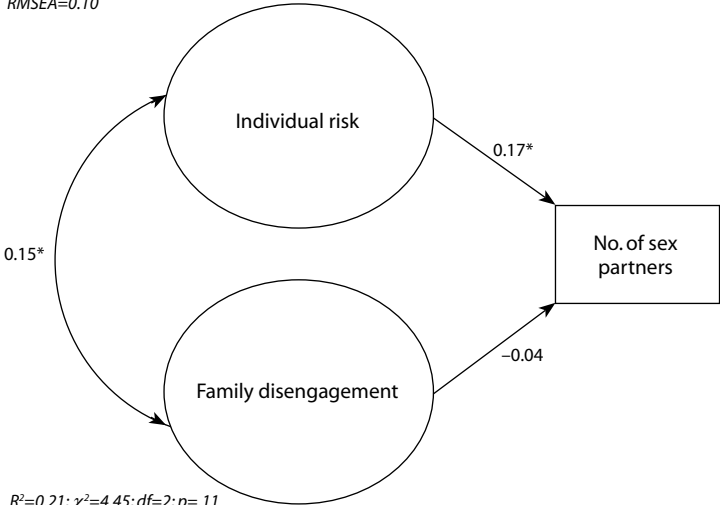
Exogenous variable	Consistent condom use model			No. of sex partners model		
	Individual risk	Family disengagement	Dependent variable	Individual risk	Family disengagement	Dependent variable
Consistent condom use at baseline	–0.25	–0.01	1.04**	na	na	na
No. of sex partners at baseline	na	na	na	0.25**	0.22**	0.40*
Age	–0.03	0.05**	–0.03	–0.07	0.06**	0.15*
Intervention group	–0.36*	–0.36*	0.07	–0.33**	–0.11	0.07
Mixed race	–0.43**	0.28**	0.23	–0.36**	0.30**	0.39
Other race	–0.74**	0.57**	0.06	–0.66**	0.66**	0.18

*p<.05. **p<.01. *Notes:* The reference group for racial and ethnic comparisons was blacks. na=not applicable.

FIGURE 2. Coefficients from structural models assessing associations between instability constructs and sexual risk behavior

R²=0.24; χ²=10.51; df=3; p=.15
CFI=0.72
TLI=0.72
RMSEA=0.10

R²=0.21; χ²=4.45; df=2; p=.11
CFI=0.91
TLI=0.87
RMSEA=0.07

*p<.05. **p<.01. *Notes:* Models control for age, intervention group, race and ethnicity, and number of sex partners at baseline. (For coefficients for controls, see Table 3.) CFI=comparative fit index. TLI=Tucker-Lewis index. RMSEA=root mean square error of approximation.