TABLE 1. Selected characteristics of students participating in a sexual health intervention evaluation, by gender, Scotland, 2007

Characteristic	Total	Male	Female
ALL	(N=1,854)	(N=926)	(N=928)
Social and demographic			
Mean age (mos.)	195.86 (16.61)	195.59 (16.13)	196.13 (17.07)
Nonwhite*	6	7	5
Do not live with both biological parents	31	32	30
Father left school at 16	38	38	38
No. of standard grade subjects studied			
8	43	41	44
6–7	20	22	18
≤5	37	37	37
Sexual behavior			
Ever had sexual intercourse**	32	29	35
Median age at first intercourse (range, 10–16)	14	14	14
SEXUALLY EXPERIENCED	(N=592)	(N=269)	(N=323)
Condom use			
Never	12	13	11
Not very often	10	8	12
About half the time	8	8	8
Most of the time	19	14	22
Always	51	57	47
Mean sexual autonomy at first sex (range, 1–5)*	4.07 (0.69)	3.93 (0.65)	4.18 (0.69)
Sexual relatedness at first intercourse*			
No relationship	27	32	23
Relationship of <1 week	3	3	3
Relationship of 1–2 weeks	5	6	4
Relationship of 2 weeks–1 month	11	13	10
Relationship of 1–3 months	20	20	20
Relationship of 3–6 months	18	14	22
Relationship of 6 months–1 year	11	8	13
Relationship of >1 year	5	4	6
SEXUALLY INEXPERIENCED	(N=1,262)	(N=657)	(N=605)
Expected context of first intercourse			
In relationship†	23	20	26
In love	19	15	22
Sexually attracted	20	26	13
Don't know	39	39	39

*p<.05. **p<.01. ***p<.001. †Married, engaged or going steady. *Notes:* Unless otherwise noted, data are percentages. Figures in parentheses are standard deviations. Measures used for mean scores are not standardized. Percentage distributions may not add to 100 because of rounding. Chi-square or t tests were used to assess significance of gender differences.

TABLE 2. Measures of selected sex-focused and generic parenting processes, by teenagers' sexual experience

Parenting process	All	Sexually inexperienced	Sexually experienced
Sex-focused			
Frequency of parental communication (range, 1–4)***	1.64 (0.59)	1.54 (0.54)	1.85 (0.64)
Ease of parental communication (range, 1–5)	2.31 (1.06)	2.29 (1.05)	2.33 (1.08)
Parental values restricting intercourse (range, 1–5)	3.46 (0.68)	3.48 (0.67)	3.42 (0.70)
Parental values endorsing contraceptive use (range, 1–5)***	3.95 (0.68)	3.89 (0.69)	4.07 (0.66)
Generic			
Parental supportiveness (range, 1–5)***	3.65 (0.66)	3.69 (0.63)	3.58 (0.71)
Parental monitoring (range, 1–4)***	2.80 (0.60)	2.85 (0.60)	2.70 (0.59)
Parental rules about TV content (%)***	27	33	16

***p<.001. Notes: Unless otherwise noted, data are unstandardized means (and standard deviations). Chi-square or t tests were used to assess significance of gender differences.

TABLE 3. Coefficients from multivariate analyses assessing associations between parenting processes and sexual outcomes, by teenagers' sexual experience

Parenting process	All	Sexually experienced			Sexually inexperienced†	
	Delayed first intercourse	Condom use	Sexual autonomy	Sexual relatedness	Expect to be in love at first sex	Expect to be in relationship at first sex
Sex-focused						
Frequency of parental communication	–0.54 (0.07)**	0.01 (0.08)	–0.01 (0.03)	0.14 (0.11)	0.05 (0.16)	0.13 (0.12)
Ease of parental communication	0.14 (0.05)*	–0.03 (0.10)	0.03 (0.04)	–0.08 (0.11)	0.01 (0.12)	–0.16 (0.12)
Parental values restricting intercourse	0.16 (0.08)*	0.13 (0.11)	0.06 (0.03)*	0.32 (0.12)*	0.45 (0.10)***	0.41 (0.08)***
Parental values endorsing contraceptive use	–0.28 (0.06)*	–0.16 (0.11)	0.04 (0.03)	0.01 (0.15)	–0.24 (0.12)*	–0.46 (0.11)***
Generic						
Parental supportiveness	0.13 (0.06)**	0.22 (0.08)**	0.13 (0.03)**	0.33 (0.08)**	0.20 (0.10)	0.35 (0.11)***
Parental monitoring	0.23 (0.07)**	0.21 (0.09)*	0.01 (0.04)	0.08 (0.09)	0.16 (0.16)	0.14 (0.15)
Parental rules about TV content	0.74 (0.09)**	–0.09 (0.23)	–0.18 (0.09)	0.21 (0.28)	0.55 (0.29)	0.83 (0.27)**

*p<.05. **p<.01. ***p<.001. *Notes:* Models adjusted for gender, age, intervention or comparison area, family structure, standard grades and father's education. †Excludes 618 students with "don't know" and 74 with missing information for either of two questions regarding expected age or context of first sex. Figures in parentheses are standard errors.

TABLE 4. Coefficients from multivariate analyses assessing associations between parenting processes and sexual outcomes, with and without adjustment for potential mediators, and estimated indirect associations via mediators

Outcome and parenting process	No adjustment for mediators	Adjusted for age at first sex/expected age first sex	Adjusted for strongest attitudinal mediator	Adjusted for all mediators	Indirect association via mediators (%)
Delayed first intercourse†					
Frequency of parental communication	−0.54 (0.07)**	na	−0.55 (0.07)***	−0.55 (0.07)***	0
Ease of parental communication	0.14 (0.05)*	na	0.13 (0.05)**	0.13 (0.05)**	7
Parental values restricting intercourse	0.16 (0.08)*	na	0.07 (0.09)	0.07 (0.09)	56
Parental values endorsing contraceptive use	−0.28 (0.06)*	na	−0.25 (0.06)***	−0.25 (0.06)***	11
Parental supportiveness	0.13 (0.06)**	na	0.10 (0.06)	0.10 (0.06)	23
Parental monitoring	0.23 (0.07)**	na	0.21 (0.07)**	0.21 (0.07)**	9
Parental rules about TV content	0.74 (0.09)**	na	0.69 (0.09)***	0.69 (0.09)***	7
Condom use‡					
Parental supportiveness	0.22 (0.08)**	0.20 (0.08)	0.16 (0.08)	0.13 (0.09)	41
Parental monitoring	0.21 (0.09)*	0.19 (0.09)	0.09 (0.09)	0.07 (0.09)	67
Sexual autonomy§					
Parental values restricting intercourse	0.06 (0.03)*	na	na	0.06 (0.03)*	0
Parental supportiveness	0.13 (0.03)**	na	na	0.13 (0.03)**	0
Sexual relatedness††					
Parental values restricting intercourse	0.32 (0.12)*	na	0.19 (0.12)	0.19 (0.12)	41
Parental supportiveness	0.33 (0.08)**	na	0.30 (0.09)**	0.28 (0.09)*	12
Expect first sex when in love‡‡					
Parental values restricting intercourse	0.45 (0.10)***	0.26 (0.11)*	0.26 (0.12)*	0.10 (0.12)	78
Parental values endorsing contraceptive use	−0.24 (0.12)*	−0.15 (0.14)	−0.14 (0.14)	−0.12 (0.16)	50
Expect first sex when in relationship‡‡					
Parental values restricting intercourse	0.41 (0.08)***	0.19 (0.09)*	0.22 (0.10)*	0.05 (0.11)	88
Parental values endorsing contraceptive use	−0.46 (0.11)***	−0.34 (0.15)*	−0.35 (0.12)*	−0.31 (0.15)*	33
Parental rules about TV content	0.83 (0.27)**	0.43 (0.28)	0.68 (0.27)*	0.31 (0.30)	63
Parental supportiveness	0.35 (0.11)***	0.30 (0.14)*	0.33 (0.12)**	0.25 (0.15)	29

*p<.05. **p<.01. ***p<.001. †Mediated by relatedness value. ‡Mediated by age at first sex and (more strongly) condom intentions. §No mediators. ††Mediated by age at first sex, autonomy intentions and (most strongly) relatedness value. ‡‡Mediated by expected age at first sex, autonomy intentions and (most strongly) relatedness value. *Notes:* All models adjusted for the same covariates listed in Table 3. na=not applicable. Figures in parentheses are standard errors.