

TABLE 1. Selected characteristics of relationships among female survey participants, Agomanya and Juapong, Ghana, 2013

Characteristic	%/mean (N=365)
Adolescent fertility in the relationship	
No	83.0
Yes	17.0
BLOCK 1	
Women's mean age at start of relationship (SD)	16.84 (1.98)
Partner's relative age	
Not ≥ 5 years older	56.0
≥ 5 years older	44.0
Partner's school/work status at start of relationship	
In school, not employed	49.8
Not in school, employed	35.5
In school, employed	7.8
Not in school, not employed	6.9
BLOCK 2	
Basic financial support	
Not at all	16.0
Somewhat	30.8
Very much	53.2
Auxiliary financial support	
Not at all	13.2
Somewhat	38.0
Very much	48.8
Financial motivation	
Not at all important	24.9
Somewhat important	29.6
Very important	45.5
BLOCK 3	
Mean power disparity (SD)	2.07 (0.53)
Mean emotional investment (SD)	2.54 (0.49)
BLOCK 4	
Cohabiting with or married to partner	
No	84.7
Yes	15.3

Notes: The plausible (and observed) values for the power disparity and emotional investment scales ranged from 1 to 3. SD=standard deviation.

TABLE 2. Odds ratios or coefficients (and 95% confidence intervals) from bivariate analyses assessing associations between independent variables

Characteristic	Block 2			Block 3		Block 4
	Basic support (odds ratio)	Auxiliary support (odds ratio)	Financial motivation (odds ratio)	Power disparity (coefficient)	Emotional investment (coefficient)	Cohabitation/marriage (odds ratio)
BLOCK 1						
Woman's age at start of relationship	1.16 (1.05–1.30)**	1.12 (1.01–1.24)*	1.01 (0.91–1.12)	−0.02 (−0.07–0.04)	0.02 (−0.03–0.08)	1.07 (0.92–1.25)
Partner's relative age						
Not ≥5 years older (ref)	1.00	1.00	1.00	na	na	1.00
≥5 years older	1.84 (1.23–2.75)**	1.77 (1.19–2.64)**	1.98 (1.33–2.93)**	0.33 (0.13–0.54)**	−0.07 (−0.28–0.14)	1.94 (1.07–3.52)*
Partner's school/work status at start of relationship						
In school, not employed (ref)	1.00	1.00	1.00	na	na	1.00
Not in school, employed	2.86 (1.82–4.49)**	2.14 (1.38–3.33)**	2.42 (1.57–3.75)**	0.12 (−0.10–0.35)	−0.02 (−0.25–0.20)	4.94 (2.41–10.13)**
In school, employed	2.08 (0.92–4.70)†	2.06 (0.93–4.57)†	2.00 (0.93–4.30)†	0.13 (−0.27–0.54)	0.13 (−0.27–0.52)	1.66 (0.43–6.34)
Not in school, not employed	1.54 (0.66–3.61)	0.82 (0.37–1.82)	1.45 (0.67–3.15)	−0.29 (−0.71–0.13)	−0.61 (−1.03 to −0.20)**	4.34 (1.47–12.86)**
BLOCK 2						
Basic financial support						
Not at all (ref)	na	na	na	na	na	‡
Somewhat	na	na	na	0.31 (0.00–0.61)*	0.57 (0.26–0.88)**	1.00
Very much	na	na	na	0.73 (0.45–1.01)**	0.69 (0.40–0.97)**	2.42 (1.21–4.83)*
Auxiliary financial support						
Not at all (ref)	na	na	na	na	na	1.00
Somewhat	na	na	na	0.62 (0.31–0.94)**	0.51 (0.19–0.83)**	3.56 (0.77–15.49)
Very much	na	na	na	0.96 (0.66–1.27)**	0.74 (0.43–1.05)**	5.82 (1.34–25.17)*
Financial motivation						
Not at all important (ref)	na	na	na	na	na	1.00
Somewhat important	na	na	na	0.15 (−0.13–0.42)	0.03 (−0.25–0.31)	2.66 (0.92–7.72)†
Very important	na	na	na	0.44 (0.19–0.70)**	0.39 (0.14–0.64)**	4.85 (1.83–12.86)**
BLOCK 3						
Power disparity	na	na	na	na	na	1.81 (1.31–2.50)**
Emotional investment	na	na	na	na	na	0.80 (0.37–1.24)

*p<.05. **p<.01. ***p<.001. †p<0.10. ‡No respondent who answered “not at all” to the question about receiving basic financial support from the partner also reported that she was ever married to or had cohabited with that partner; the “not at all” category of basic financial support is therefore omitted from this logistic regression model, and the “somewhat” category becomes the reference group. Notes: Figures in columns 1, 2 and 3 are odds ratios from ordered logistic regression models predicting basic support, auxiliary support and financial motivation. Figures in columns 4 and 5 are coefficients from linear regression models predicting power disparity and emotional investment. Figures in column 6 are odds ratios from binary logistic regression models predicting cohabitation with or marriage to the partner. ref=reference group. na=not applicable.

TABLE 3. Odds ratios (and 95% confidence intervals) from regression models predicting adolescent fertility within a relationship

Characteristic	Bivariate	Model 1	Model 2	Model 3	Model 4
BLOCK 1					
Woman's age at start of relationship	0.89 (0.79–1.01)†	0.87 (0.76–1.00)†	0.85 (0.74–0.99)*	0.86 (0.73–1.00)†	0.85 (0.72–0.99)*
Partner's relative age					
Not ≥5 years older (ref)	1.00	1.00	1.00	1.00	1.00
≥5 years older	1.84 (1.05–3.21)*	1.53 (0.85–2.76)	1.42 (0.76–2.62)	1.29 (0.67–2.48)	1.28 (0.67–2.44)
Partner's school/work status at start of relationship					
In school, not employed (ref)	1.00	1.00	1.00	1.00	1.00
Not in school, employed	1.66 (0.90–3.07)	1.59 (0.81–3.14)	1.43 (0.71–2.84)	1.51 (0.73–3.13)	1.00 (0.45–2.25)
In school, employed	1.10 (0.35–3.50)	1.15 (0.35–3.70)	1.19 (0.36–3.94)	1.25 (0.37–4.22)	1.22 (0.37–4.03)
Not in school, not employed	3.05 (1.16–8.02)*	2.90 (1.08–7.79)*	3.55 (1.21–10.36)*	4.18 (1.32–13.24)*	2.93 (0.90–9.53)†
BLOCK 2					
Basic financial support					
Not at all (ref)	1.00	na	1.00	1.00	1.00
Somewhat	4.76 (1.35–16.87)*	na	6.70 (2.02–22.17)**	6.40 (2.01–20.38)**	6.31 (2.13–18.67)**
Very much	4.21 (1.23–14.43)*	na	5.99 (1.53–23.40)*	4.87 (1.29–18.41)*	3.41 (1.03–11.35)*
Auxiliary financial support					
Not at all (ref)	1.00	na	1.00	1.00	1.00
Somewhat	1.54 (0.59–4.06)	na	0.60 (0.21–1.75)	0.51 (0.17–1.53)	0.51 (0.20–1.33)
Very much	1.48 (0.57–3.81)	na	0.55 (0.16–1.88)	0.48 (0.14–1.64)	0.58 (0.21–1.65)
Financial motivation					
Not at all important (ref)	1.00	na	1.00	1.00	1.00
Somewhat important	1.73 (0.76–3.93)	na	1.16 (0.49–2.73)	1.15 (0.49–2.70)	0.99 (0.41–2.39)
Very important	2.01 (0.94–4.30)†	na	1.24 (0.54–2.85)	1.21 (0.53–2.73)	1.09 (0.47–2.56)
BLOCK 3					
Power disparity	1.46 (1.09–1.96)*	na	na	1.44 (1.03–2.01)*	1.35 (0.99–1.85)†
Emotional investment	1.11 (0.80–1.53)	na	na	1.01 (0.71–1.46)	0.82 (0.57–1.18)
BLOCK 4					
Cohabitation/marriage					
No (ref)	1.00	na	na	na	1.00
Yes	6.71 (3.48–12.93)***	na	na	na	6.57 (2.95–14.63)***

*p<.05. **p<.01. ***p<.001. †p<0.10. Notes: ref=reference group. na=not applicable.