

APPENDIX

A1. Multilevel Multinomial Logistic Regression Results (Coefficients) of Relationship-Specific Type of Contraceptive Method Used at Last Sex, Effects of Relationship and Individual Characteristics, Add Health, Wave III (2001-2002), Women

Relationship Characteristics	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Relationship commitment (ref: Stranger hook-ups)						
Friend/acquaintance hook-ups	0.344*	0.690**	0.258	0.377	-0.062	0.383
Dating with less sex	0.280*	1.068*** ^a	0.663*** ^a	0.789*** ^a	0.406*** ^a	0.333
Dating with more sex	-0.261 ^{ab}	1.431*** ^{ab}	0.350* ^b	1.808*** ^{ab}	0.753*** ^{ab}	1.053*** ^{ab}
Serious dating/cohabiting	-0.761*** ^{abc}	1.491*** ^{ab}	-0.001 ^{bc}	2.524*** ^{abc}	1.064*** ^{abc}	1.542*** ^{abc}
Age difference (ref: Partner within 2 years)						
Partner 3+ years older	-0.236**	-0.215*	-0.418***	-0.004	-0.199*	0.246*
Partner 3+ years younger	-0.073	-0.200	-0.304	-0.235	-0.327	0.090
Racial/ethnic difference (ref: Partner same race/ethnicity)						
Partner different race/ethnicity	0.027	-0.397**	-0.027	-0.501***	-0.156	-0.357*
Current status (ref: Past)						
Current	-0.274*	0.950***	0.033	1.385***	0.451***	1.022***
Pregnancy history (ref: No)						
Yes	-1.567***	-1.539***	-1.326***	0.275	0.471***	-0.169

(continued)

Contraceptive Method Choice among Youth in the United States

(Table A1, continued)

	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Individual-level Characteristics						
Age at beginning (ref: 19-20 years)						
15-16 years	0.416*	0.162	0.460*	-0.550**	-0.257	-0.238
17-18 years	0.064*	-0.282*	0.112	-0.379**	0.016	-0.414**
21-22 years	-0.099	0.086	-0.189	0.242*	-0.022	0.270*
≥ 23 years	-0.222	0.060	-0.286	0.352*	0.012	0.273
Race/ethnicity (ref: White)						
Black	0.993*	-0.245	0.923***	-1.554***	-0.416**	-1.126***
Hispanic	-0.085	-0.585*	0.449	-0.523*	-0.381	-0.137
Asian	0.185	-0.218	-1.005*	0.593	-1.376***	1.286**
Nativity status (ref: US born)						
Foreign born	0.156	0.262	0.260	0.028	-0.020	-0.001
Religious denomination (ref: Protestant)						
No denomination	0.395*	0.545***	0.538***	0.299*	0.286	-0.089
Catholic	0.412**	0.235	0.563***	-0.170	0.179	-0.404*
Non-Christian/Other	0.354	0.542*	0.386	0.306	0.182	0.071
Religiosity	0.059	-0.035	-0.029	-0.118	-0.115	-0.036
Family structure (ref: Two parents)						
Biological mother only	0.561	-0.373	0.611	-0.982*	-0.011	-0.981*
Biological father only	0.252	1.327*	0.583	1.177*	0.320	0.857
Other situations	0.705	1.117*	1.365**	0.763	0.934*	-0.371

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Contraceptive Method Choice among Youth in the United States

(Table A1, continued)

	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Parental education						
Maternal education	0.047	0.138***	0.073*	0.114***	0.044	0.049
Paternal education	0.048	-0.018	0.051	-0.070*	-0.002	-0.065*
(ln) Household income	0.092	0.316**	0.120	0.240**	0.044	0.164
Age at first sex (ref: 15-17 years)						
14 years or younger	-0.598***	-0.753***	-0.912***	-0.222	-0.359*	0.324
18 years or older	0.427**	0.330*	0.498***	-0.161	-0.036	-0.272
Perceived risk of pregnancy or AIDS	0.081	-0.024	0.100	-0.080	0.033	-0.137*
Perceived severity of pregnancy	0.151**	0.099	0.233***	-0.051	0.077	-0.198**
Contraceptive self-efficacy	0.101	0.156*	0.223***	0.092	0.150**	-0.161*
Prior Relationship Experiences						
Number of prior relationships	0.007	-0.124***	-0.189***	-0.077***	-0.139***	0.027
Hormonal use in prior relationships	-0.953***	1.588***	1.918***	1.990***	2.327***	0.233
Pregnancy in prior relationships	0.086	-0.490**	-0.533***	-0.577***	-0.599***	-0.186
Intercept	-0.621	-3.951***	-2.426***	-3.339***	-1.738***	-0.764

Note: Weighted results. N=3,096 women and 8,736 relationships.

^a Significantly different from friend/acquaintance hook-ups at $p < 0.05$.

^b Significantly different from dating with less sex at $p < 0.05$.

^c Significantly different from dating with more sex at $p < 0.05$.

* $p < .05$; ** $p < .01$; *** $p < .001$

Contraceptive Method Choice among Youth in the United States

A2. Multilevel Multinomial Logistic Regression Results (Coefficients) of Relationship-Specific Type of Contraceptive Method Used at Last Sex, Effects of Relationship and Individual Characteristics, Add Health, Wave III (2001-2002), Men

Relationship Characteristics	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Relationship commitment (ref: Stranger hook-ups)						
Friend/acquaintance hook-ups	-0.247*	0.263	-0.011	0.526**	0.306	0.219
Dating with less sex	0.427*** ^a	1.111*** ^a	0.824*** ^a	0.692***	0.453**	0.177
Dating with more sex	-0.419*** ^b	1.044*** ^a	0.474*** ^{ab}	1.679*** ^{ab}	1.163*** ^{ab}	0.356
Serious dating/cohabiting	0.553*** ^{ab}	1.722*** ^{abc}	0.754*** ^{ac}	2.553*** ^{abc}	1.626*** ^{abc}	0.765*** ^{abc}
Age difference (ref: Partner within 2 years)						
Partner 3+ years older	-0.460***	-0.364*	-0.629***	0.117	-0.146	0.212
Partner 3+ years younger	-0.037	-0.333*	-0.615***	-0.285*	-0.593***	0.343*
Racial/ethnic difference (ref: Partner same race/ethnicity)						
Partner different race/ethnicity	-0.018	-0.056	0.053	-0.074	0.042	-0.104
Current status (ref: Past)						
Current	-0.377***	0.886***	0.203	1.432***	0.771***	0.666***
Pregnancy history (ref: No)						
Yes	-1.297***	-1.346***	-1.520***	0.110	-0.077	0.370

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Contraceptive Method Choice among Youth in the United States

(Table A2, continued)

	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Individual-level Characteristics						
Age at beginning (ref: 19-20 years)						
15-16 years	-0.004	-0.237	-0.185	-0.327	-0.242	-0.032
17-18 years	0.004	-0.117	0.041	-0.200	-0.062	-0.133
21-22 years	-0.123	0.142	-0.043	0.250*	0.064	0.135
≥ 23 years	0.078	0.109	-0.294	-0.063	-0.481**	0.378
Race/ethnicity (ref: White)						
Black	0.911***	-0.577**	0.623***	-1.683***	-0.502**	-1.318***
Hispanic	0.455*	-0.374	-0.277	-1.004***	-0.949***	0.053
Asian	0.451	-0.140	-0.338	-0.868**	-1.032**	0.221
Nativity status (ref: US born)						
Foreign born	-0.238	-0.436	-0.813*	-0.318	-0.763*	0.626
Religious denomination (ref: Protestant)						
No denomination	0.437**	0.115	-0.037	-0.393*	-0.553***	0.294
Catholic	0.057	0.250	-0.045	0.202	-0.085	0.190
Non-Christian/Other	0.386	0.059	0.187	-0.488*	-0.331	0.056
Religiosity	0.065	0.039	-0.010	-0.082	-0.138*	0.122
Family structure (ref: Two parents)						
Biological mother only	-0.813*	-0.075	-1.544***	0.935*	-0.545	1.609**
Biological father only	1.512***	1.452**	0.704	0.014	-0.801	0.632
Other situations	0.412	1.130*	-0.310	0.887	-0.589	1.335*

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Contraceptive Method Choice among Youth in the United States

(Table A2, continued)

	Condom vs. None	Hormonal vs. None	Dual vs. None	Hormonal vs. Condom	Dual vs. Condom	Hormonal vs. Dual
Parental education						
Maternal education	0.114***	0.123***	0.091**	0.002	-0.033	0.014
Paternal education	-0.055*	0.004	-0.101***	0.071*	-0.034	0.114**
(ln) Household income	0.022	0.029	0.018	0.031	0.023	0.035
Age at first sex (ref: 15-17 years)						
14 years or younger	-0.219	-0.117	-0.022	0.121	0.255	0.006
18 years or older	0.746***	0.721***	1.025***	-0.060	0.215	-0.431**
Perceived risk of pregnancy or AIDS	0.112*	-0.043	0.209***	-0.166**	0.072	-0.279***
Perceived severity of pregnancy	0.125*	0.196**	0.011	0.053	-0.140*	0.278***
Contraceptive self-efficacy	0.230***	0.293***	0.273***	0.021	0.005	-0.026
Prior Relationship Experiences						
Number of prior relationships	-0.005	-0.047*	-0.145***	0.013	-0.083***	0.022
Hormonal use in prior relationships	-0.487***	0.774***	1.159***	0.685***	1.084***	0.389**
Pregnancy in prior relationships	-0.457**	-1.014***	-1.087***	-0.285	-0.426	0.111
Intercept	0.070	-3.366***	-0.574	-3.474***	-0.677	-2.032***

Note: Weighted results. N=2,874 men and 7,929 relationships.

^a Significantly different from friend/acquaintance hook-ups at $p < 0.05$.

^b Significantly different from dating with less sex at $p < 0.05$.

^c Significantly different from dating with more sex at $p < 0.05$.

* $p < .05$; ** $p < .01$; *** $p < .001$