

Appendix

Table S1. *Correlation Matrix, Means, and Standard Deviations of Variables Included in Mediation Models*

Measures	<i>M (SD)</i>	1	2	3	4	5	6	7
1. ADHD Total Symptoms	10.29 (6.63)	--						
2. ADHD-IN Symptoms	5.85 (3.59)	.94***	--					
3. ADHD-HI Symptoms	4.34 (3.48)	.93***	.75***	--				
4. Conduct Problems ^a	11.00 (5.90)	.72***	.65***	.69***	--			
5. Problematic Marijuana Use	-- ^b	.33***	.30***	.32***	.44***	--		
6. Problematic Alcohol Use	-- ^b	.33***	.28***	.33***	.27**	.25**	--	
7. Risky Sexual Behavior	1.90 (1.83)	.23*	.17	.27**	.34***	.42***	.29**	--

Note: Correlations are presented controlling for age, gender, race/ethnicity, annual household income, and recruitment site. ADHD =

attention-deficit/hyperactivity disorder; IN = inattention; HI = hyperactivity/impulsivity.

^a Conduct problems reflects the total number of oppositional defiant disorder and conduct disorder symptoms

^b Problematic marijuana and alcohol use variables reflect latent factor scores derived from marijuana/alcohol use disorder symptoms and use frequency, respectively.

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

Table S2. Supplemental mediation analyses for association between ADHD inattentive symptoms and risky sexual behavior

Path		Mediator					
		Conduct Problems		Problematic Alcohol Use		Problematic Marijuana Use	
Total Effect		<i>B</i>	(<i>SE</i>)	<i>B</i>	(<i>SE</i>)	<i>B</i>	(<i>SE</i>)
c	ADHD-IN → RSB	0.12	(0.08)	0.12	(0.08)	0.12	(0.08)
	90% CI of Bootstrap	-0.03 to 0.26		-0.03 to 0.26		-0.03 to 0.26	
Direct Effects							
a	ADHD-IN→Mediator	0.65	(0.07)	0.29	(0.09)	0.30	(0.09)
	90% CI of Bootstrap	0.55 to 0.76		0.13 to 0.47		0.17 to 0.44	
b	Mediator →RSB	0.19	(0.11)	0.15	(0.08)	0.31	(0.09)
	90% CI of Bootstrap	-0.01 to 0.38		0.03 to 0.38		0.14 to 0.45	
c'	ADHD-IN → RSB	-0.14	(0.10)	-0.14	(0.10)	-0.14	(0.10)
	90% CI of Bootstrap	-0.31 to 0.05		-0.31 to 0.05		-0.31 to 0.05	
Indirect Effects (through mediator)							
ab	ADHD-IN → RSB	0.12	(0.08)	0.05	(0.02)	0.09	(0.04)
	90% CI of Bootstrap	-0.01 to 0.25		0.02 to 0.10		0.04 to 0.18	
	Effect Ratios	--		0.42		0.75	

Note: Bias-corrected bootstrapping was used for all analyses controlling for recruitment site. Path labels reflect standard nomenclature; c and c' reflect the total and direct effect of ADHD on RSB before and after accounting for the mediators, respectively. ADHD = attention-deficit/hyperactivity disorder; IN = inattention symptoms; RSB = risky sexual behavior; CI = confidence interval; SE = standard error

Table S3. *Supplemental mediation analyses for association between ADHD hyperactivity/impulsivity symptoms and risky sexual behavior*

Path		Mediator					
		Conduct Problems		Problematic Alcohol Use		Problematic Marijuana Use	
Total Effect		<i>B</i>	(<i>SE</i>)	<i>B</i>	(<i>SE</i>)	<i>B</i>	(<i>SE</i>)
c	ADHD-HI → RSB	0.21	(0.11)	0.21	(0.11)	0.21	(0.11)
	90% CI of Bootstrap	0.05 to 0.35		0.06 to 0.35		0.06 to 0.35	
Direct Effects							
a	ADHD-HI→Mediator	0.69	(0.07)	0.33	(0.09)	0.29	(0.09)
	90% CI of Bootstrap	0.59 to 0.80		0.15 to 0.51		0.15 to 0.45	
b	Mediator →RSB	0.11	(0.11)	0.14	(0.08)	0.31	(0.09)
	90% CI of Bootstrap	0.09 to 0.31		0.01 to 0.39		0.14 to 0.45	
c'	ADHD-HI → RSB	0.00	(0.08)	0.00	(0.08)	0.00	(0.08)
	90% CI of Bootstrap	-0.20 to 0.18		-0.20 to 0.18		-0.20 to 0.18	
Indirect Effects (through mediator)							
ab	ADHD-HI → RSB	0.07	(0.08)	0.05	(0.03)	0.09	(0.04)
	90% CI of Bootstrap	-0.05 to 0.22		0.01 to 0.11		0.04 to 0.19	
	Effect Ratios	--		0.24		0.43	

Note: Bias-corrected bootstrapping was used for all analyses controlling for recruitment site. Path labels reflect standard nomenclature; c

and c' reflect the total and direct effect of ADHD on RSB before and after accounting for the mediators, respectively. ADHD = attention-deficit/hyperactivity disorder; HI = hyperactive/impulsive symptoms; RSB = risky sexual behavior; CI = confidence interval; SE = standard error