

Table s1: Regression coefficients with 95% confidence intervals and p for trend, representing associations between adolescent conduct problems and subsequent parenting practices.

	Model 1 β (95% CI)	p	Model 2 + covariates β (95%CI)	p
Intellectual environment				
Mild conduct problems	-0.39 (-0.60;-0.19)	<0.001	-0.14 (-0.33;0.05)	0.2
Severe conduct problems	-0.13 (-0.45; 0.18)	0.4	0.20 (-0.11;0.51)	0.2
Emotional problems	-0.06 (-0.17;0.05)	0.3	0.04 (-0.07;0.15)	0.5
Cognition (age 11)			0.24 (0.14;0.34)	<0.001
Household social class			0.48 (-0.03;0.13)	0.3
Adult social class			0.14 (0.03;0.34)	0.009
Education (age 26)			0.15 (0.78;0.24)	<0.001
Offspring sex			0.05 (-0.01;0.19)	0.5
Cognitive stimulation				
Mild conduct problems	0.05 (-0.09;0.18)	0.5	0.06 (-0.08;0.20)	0.4
Severe conduct problems	-0.01 (-0.21;0.19)	0.9	0.09 (-0.12;0.30)	0.4
Emotional problems	-0.04 (-0.11;0.03)	0.7	-0.01 (-0.09;0.07)	0.8
Cognition (age 11)			0.04 (-0.03;0.11)	0.3
Household social class			0.03 (-0.02;0.09)	0.2
Adult social class			0.04 (-0.03;0.11)	0.3
Education (age 26)			0.02 (-0.02;0.08)	0.3
Offspring sex			0.04 (-0.05;0.15)	0.4
Coercive discipline age 4				
Mild conduct problems	0.30 (0.17;0.43)	<0.001	0.17 (0.03;0.30)	0.01
Severe conduct problems	0.32 (0.13;0.52)	0.001	0.17 (-0.02;0.37)	0.08
Emotional problems	0.08 (0.01;0.15)	0.03	0.02 (-0.04;0.09)	0.4
Cognition (age 11)			-0.11 (-0.17;-0.04)	0.001
Household social class			0.14 (-0.03;0.06)	0.6
Adult social class			-0.11 (-0.17;-0.04)	0.002
Education (age 26)			-0.06 (-0.11;-0.02)	0.005
Offspring sex			0.14 (-0.03;0.066)	0.5
Coercive discipline age 8				
Mild conduct problems	0.28 (0.16;0.41)	<0.001	0.17 (0.04;0.30)	0.009
Severe conduct problems	0.24 (0.05;0.44)	0.01	0.13 (-0.06;0.32)	0.2
Emotional problems	0.04 (0.01;0.15)	0.03	0.03 (-0.03;0.10)	0.3
Cognition (age 11)			-0.13 (-0.19;-0.07)	<0.001
Household social class			0.01 (-0.05;0.05)	0.9
Adult social class			-1.01 (-0.17;-0.04)	0.002
Education (age 26)			-0.03 (-0.07;0.02)	0.2
Offspring sex			-0.08 (-0.18;0.01)	0.06
Parental interest				
Mild conduct problems	-0.10 (-0.26;0.06)	0.2	0.01 (-0.16;0.18)	0.9
Severe conduct problems	-0.04 (-0.30;0.19)	0.6	0.11 (-0.15;0.37)	0.4
Emotional problems	-0.08 (-0.16;0.12)	0.09	-0.07 (-0.16;0.02)	0.2
Cognition (age 11)			0.08 (0.01;0.17)	0.04
Household social class			0.01 (-0.05;0.08)	0.7
Adult social class			0.01 (-0.07;0.09)	0.8
Education (age 26)			0.06 (-0.01;0.11)	0.08
Offspring sex			-0.13 (-0.26;-0.02)	0.03
Parental aspiration				
Mild conduct problems	-0.11 (-0.39;0.16)	0.4	0.05 (-0.23;0.33)	0.7
Severe conduct problems	0.05 (-0.34;0.23)	0.7	0.01 (-0.42;0.43)	0.9
Emotional problems	-0.03 (-0.17;0.12)	0.7	0.01 (-0.14;0.16)	0.9
Cognition (age 11)			0.01 (-0.13;0.15)	0.8
Household social class			0.03 (-0.09;0.14)	0.6
Adult social class			0.19 (0.05;0.33)	0.01
Education (age 26)			0.18 (0.08;0.29)	<0.001
Offspring sex			-0.11 (-0.32;0.09)	0.3

Model 1: adolescent conduct and emotional problems mutually adjusted only; Model 2: additionally adjusted for covariates: Parent and offspring sex, adolescent cognition, social class, educational attainment. Coefficients in bold are significant at the 5% level.

Table s2: Regression coefficients with 95% confidence intervals and p for trend, representing associations between adolescent emotional problems and subsequent parenting practices.

	Model 1		Model 2 + covariates	
	β (95% CI)	<i>p</i>	β (95%CI)	<i>p</i>
Intellectual environment				
Mild emotional problems	-0.04 (-0.21;0.12)	0.6	0.07 (-0.09;0.21)	0.5
Severe emotional problems	-0.11 (-0.36;0.15)	0.4	0.08 (-0.16;0.33)	0.7
Conduct problems	-0.18 (-0.32;-0.05)	0.007	0.01 (-0.11;0.15)	0.8
Cognition (age 11)			0.24 (0.14;0.34)	<0.001
Household social class			0.05 (-0.03;0.13)	0.3
Adult social class			0.14 (0.04;0.24)	0.008
Education (age 26)			0.15 (0.07;0.23)	<0.001
Offspring sex			0.05 (-0.09;0.19)	0.5
Cognitive stimulation				
Mild emotional problems	-0.01 (-0.11;0.10)	0.9	0.02 (-0.09;0.13)	0.8
Severe emotional problems	-0.10 (-0.27;0.06)	0.2	-0.06 (-0.22;0.12)	0.5
Conduct problems	0.02 (-0.07;0.10)	0.7	0.05 (-0.03;0.14)	0.3
Cognition (age 11)			0.04 (-0.03;0.11)	0.3
Household social class			0.04 (-0.02;0.09)	0.2
Adult social class			0.03 (-0.04;0.11)	0.4
Education (age 26)			0.03 (-0.02;0.08)	0.3
Offspring sex			0.05 (-0.06;0.15)	0.4
Coercive discipline (age 4)				
Mild emotional problems	0.01 (-0.08;0.12)	0.7	-0.04 (-0.15;0.05)	0.4
Severe emotional problems	0.22 (0.07;0.38)	0.005	0.13 (-0.03;0.29)	0.1
Conduct problems	0.20 (0.12;0.29)	<0.001	0.11 (0.02;0.19)	0.01
Cognition (age 11)			-0.11 (-0.17;0.04)	0.001
Household social class			0.01 (-0.04;0.06)	0.6
Adult social class			-0.10 (-0.17;0.04)	0.002
Education (age 26)			-0.07 (-0.11;-0.02)	0.004
Offspring sex			-0.08 (-0.18;0.01)	0.06
Coercive discipline (age 8)				
Mild emotional problems	0.03 (-0.08;0.13)	0.5	-0.01 (-0.11;0.09)	0.8
Severe emotional problems	0.20 (0.04;0.35)	0.01	0.10 (-0.05;0.26)	0.2
Conduct problems	0.17 (0.09;0.26)	<0.001	0.09 (0.02;0.18)	0.02
Cognition (age 11)			-0.13 (-0.19;-0.07)	<0.001
Household social class			0.01 (-0.05;0.05)	0.05
Adult social class			-0.10 (-0.17;-0.04)	0.002
Education (age 26)			-0.03 (-0.07;0.15)	0.2
Offspring sex			0.02 (-0.07;0.11)	0.6
Parental interest				
Mild emotional problems	-0.07 (-0.20;0.05)	0.3	-0.06 (-0.19;0.08)	0.4
Severe emotional problems	-0.15 (-0.35;0.05)	0.1	-0.13 (-0.33;0.07)	0.2
Conduct problems	-0.04 (-0.15;0.06)	0.4	0.04 (-0.07;0.14)	0.5
Cognition (age 11)			0.08 (0.01;0.17)	0.04
Household social class			0.01 (-0.6;0.8)	0.7
Adult social class			0.01 (-0.07;0.09)	0.8
Education (age 26)			0.06 (-0.01;0.12)	0.07
Offspring sex			-0.13 (-0.25;0.01)	0.03
Parental aspiration				
Mild emotional problems	0.04 (-0.18;0.26)	0.7	0.09 (-0.13;0.31)	0.4
Severe emotional problems	-0.11 (-0.44;0.22)	0.5	-0.07 (-0.42;0.27)	0.2
Conduct problems	-0.08 (-0.26;0.09)	0.3	0.03 (-0.15;0.22)	0.7
Cognition (age 11)			0.01 (-0.13;0.15)	0.9
Household social class			0.28 (-0.09;0.14)	0.6
Adult social class			0.18 (0.04;0.32)	0.01
Education (age 26)			0.18 (0.08;0.29)	<0.001
Offspring sex			-0.11 (-0.32;0.08)	0.2

Model 1: adolescent conduct and emotional problems mutually adjusted only; Model 2: additionally adjusted for covariates: Parent and offspring sex, adolescent cognition, social class, educational attainment. Coefficients in bold are significant at the 5% level.

Table s3: Odds ratios with 95% confidence intervals and p for trend, representing associations between adolescent conduct problems and subsequent parental affection.

	Model 1 OR (95% CI)	<i>p</i>	Model 2 + covariates OR (95%CI)	<i>p</i>
Parental affection age 4				
Mild conduct problems	1.01 (0.61;1.68)	0.9	1.17 (0.68;2.02)	0.6
Severe conduct problems	0.69 (0.35;1.38)	0.3	0.84 (0.40;1.76)	0.6
Emotional problems	0.98 (0.74;1.29)	1.29	1.10 (0.82;1.48)	0.5
Cognition (age 11)			1.31 (1.02;1.69)	0.03
Household social class			1.04 (0.84;1.29)	0.6
Adult social class			1.34 (1.03;1.74)	0.03
Education (age 26)			0.89 (0.73;1.07)	0.2
Sex			1.08 (0.73;1.60)	0.7
Offspring sex			0.98 (0.66;1.44)	0.9
Parental affection age 8				
Mild conduct problems	0.85 (0.58;1.28)	0.5	0.88 (0.58;1.36)	0.6
Severe conduct problems	1.52 (0.74;3.15)	0.3	1.53 (0.70;3.35)	0.3
Emotional problems	0.86 (0.69;1.07)	0.2	0.93 (0.73;1.2)	0.5
Cognition (age 11)			1.05 (0.84;1.30)	0.7
Household social class			1.14 (0.96;1.37)	0.1
Adult social class			1.29 (1.03;1.60)	0.02
Education (age 26)			0.78 (0.67;0.93)	0.007
Sex			0.99 (0.71;1.38)	0.5
Offspring sex			1.46 (1.06;2.01)	0.02
Parental affection age 4				
Mild emotional problems	1.08 (0.72;1.61)	0.4	1.28 (0.83;1.96)	0.3
Severe emotional problems	0.88 (0.49;1.59)	0.7	10.5 (0.56;1.98)	0.9
Conduct problems	0.89 (0.72;1.61)	0.7	1.00 (0.71;1.40)	0.9
Cognition (age 11)			1.31 (1.02;1.69)	0.04
Household social class			1.05 (0.85;1.30)	0.6
Adult social class			1.33 (1.02;1.73)	0.03
Education (age 26)			0.88 (0.72;1.07)	0.1
Sex			1.08 (0.73;1.59)	0.7
Offspring sex			0.97 (0.66;1.43)	0.9
Parental affection age 8				
Mild emotional problems	1.15 (0.82;1.60)	0.4	1.28 (0.89;1.83)	0.2
Severe emotional problems	0.61 (0.39;0.96)	0.03	0.69 (0.42;1.12)	0.1
Conduct problems	1.09 (0.83;1.43)	0.5	1.11 (0.82;1.50)	0.5
Cognition (age 11)			1.04 (0.84;1.29)	0.7
Household social class			1.15 (0.97;1.37)	0.2
Adult social class			1.28 (1.02;1.60)	0.03
Education (age 26)			0.80 (0.68;0.94)	0.008
Sex			1.00 (0.72;1.39)	0.1
Offspring sex			1.42 (1.06;2.01)	0.02

Model 1: adolescent conduct and emotional problems mutually adjusted only; Model 2: additionally adjusted for covariates: Parent and offspring sex, adolescent cognition, social class, educational attainment. Coefficients in bold are significant at the 5% level.