Tables

Table 1. Teacher rating of attractiveness at age 11

Teacher rated child appearance	Attractive	Unattractive	Undernourished	Slovenly or dirty	Total
Numbers (Percent)	7510 (81.3%)	1354 (14.7%)	336 (3.6%)	33 (0.4%)	9233 (100%)

Table 2. Characteristics of children rated as attractive or unattractive by their teachers at age 11.

	Attractive	Unattractive
Female	**83.5**	**16.5**
Male	**78.7**	**21.3**
Female teacher	**82.2**	**17.2**
Male teacher	**79.9**	**20.1**
Height (inches)	**48.3**	**47.7**
Weight (pounds)	52.6	52.1
Average number of children in household	**2.9**	**3.7**
Percentage whose father has post compulsory education	**23.7**	**14.8**
Percentage whose father is in the top social group	**5.2**	**2.1**

Notes: Results in bold are statistically significant at 1%.

Table 3. Comparison of teacher rating of attractiveness at age 7 and 11.

Teacher rating at age 11	Teacher rating at age 7		
	Attractive	Unattractive	Total
Attractive	4864 (93.2%)	353 (6.8%)	5217 (100%)
Unattractive	596 (57.1%)	448 (42.9%)	1044 (100%)

Notes: Sample only includes children rated in terms of attractiveness at ages 7 and 11.

Table 4. Teacher rating of pupils attractiveness and academic ability across a range of subjects.

Teacher rated child appearance	Mean score and zscores [] of teacher rating of students academic ability					Obs
	General knowledge*	Numbers*	Books*	Oral*	Total** (with sd)	
Scores:						
Unattractive	2.5	2.4	2.7	2.6	10.2 sd 3.06	1227
Attractive	3.1	3.0	3.3	3.2	12.6 sd 2.87	7278
Zscores:						
Unattractive	-.502	-.455	-.435	-.577	-.557	1227
Attractive	.182	.174	.189	.221	.221	7278

Notes: * scores range from 1-5, ** scores range from 1-20.
Zscores have a mean = 0 and sd = 1. Results all significant at >1% level.

Table 5. Teacher rating of pupils attractiveness, outstanding ability and behaviour

Teacher rated child appearance	Percentage of students rated as having outstanding ability	Percentage described by teacher as delinquent, rebellious, aggressive or having bad behaviour
Unattractive	13.3	13.4
Attractive	26.7	5.1
Chi 2	136.9***	155.6***

***Significant at 1% level

Table 6. Percentage of students whose ability is over rated and underrated by the teacher.

Teacher rated child appearance	Percentage of students where teacher overrates child's ability	Percentage of students where teacher underrates child's ability
Unattractive	39.0	80.0
Attractive	47.1	77.2
Chi 2	7.79***	3.81**

*** Significant at 1% level, ** 5% level.

Table 7. Regression of a range of ability measures on teacher rated attractiveness

	Attractive dummy only	(I) plus Child and family characteristics	(2) plus previous ability and behaviour	(1) plus school level characteristics	Full model with all controls
	(I)	(II)	(III)	(IV)	(V)
Attractive	0.774***	0.576***	0.316***	0.524***	0.298***
	(0.025)	(0.024)	(0.020)	(0.023)	(0.020)
Female		0.075***	-0.035***		-0.045***
		(0.016)	(0.013)		(0.013)
Number of children in HH		-0.091***	-0.045***		-0.034***
		(0.005)	(0.004)		(0.004)
Attended pre school		0.054*	0.063**		0.054**
		(0.032)	(0.026)		(0.025)
Parental aspiration for post compulsory education		0.312***	0.138***		0.132***
		(0.022)	(0.018)		(0.017)
Parents read regularly		0.177***	0.091***		0.077***
		(0.027)	(0.022)		(0.021)
Mothers age at birth		0.008***	0.005***		0.005***
		(0.001)	(0.001)		(0.001)
Father has post compulsory education		0.171***	0.127***		0.111***
		(0.016)	(0.013)		(0.013)
Father's SES compared to SES I					
No father		-0.742***	-0.477***		-0.417***
		(0.056)	(0.046)		(0.046)
SES II		-0.208***	-0.132***		-0.123***
		(0.043)	(0.035)		(0.034)
SES III (non-manual)		-0.299***	-0.229***		-0.221***
		(0.046)	(0.037)		(0.036)

SES III (manual)		-0.601***	-0.375***		-0.360***
		(0.041)	(0.033)		(0.032)
SES IV (non-manual)		-0.553***	-0.304***		-0.278***
		(0.071)	(0.058)		(0.056)
SES IV (manual)		-0.681***	-0.409***		-0.381***
		(0.044)	(0.036)		(0.035)
SES V		-0.819***	-0.460***		-0.421***
		(0.051)	(0.042)		(0.041)
Height		-0.002**	-0.002**		-0.002**
		(0.001)	(0.001)		(0.001)
Weight		0.005***	0.002***		0.002***
		(0.001)	(0.001)		(0.001)
Cogn ability at age 7			0.055***		0.048***
			(0.001)		(0.001)
Bad behaviour at age 7			-0.016***		-0.014***
			(0.001)		(0.001)
SEN				-0.771***	-0.162***
				(0.023)	(0.021)
Female teacher				-0.041***	-0.038***
				(0.015)	(0.013)
Eligible for free school meals				-0.402***	-0.067***
				(0.025)	(0.023)
Stream compared to no stream					
Top stream				0.585***	0.315***
				(0.023)	(0.020)
Middle stream				-0.109***	-0.090***
				(0.026)	(0.022)
Bottom stream				-0.693***	-0.389***
				(0.027)	(0.023)
Class size				0.005***	0.003***
				(0.001)	(0.001)
School size				0.000	0.000**

				(0.000)	(0.000)
Controls for region	NO	YES	YES	YES	YES
Observations	12541	12541	12541	12541	12541
R-squared	0.077	0.220	0.481	0.298	0.516

Standard errors in parentheses
* significant at 10%; ** significant at 5%; *** significant at 1%

Table 8. Regression of over and under rating by the teacher

	Probability of over rating	Probability of under rating
	(I)	(II)
Attractive	0.223***	-0.127**
	(0.081)	(0.053)
Female	-0.189***	-0.008
	(0.051)	(0.035)
Number of children in HH	0.013	0.001
	(0.017)	(0.012)
Attended pre school	0.098	0.009
	(0.100)	(0.070)
Parental aspirations for post compulsory education	0.015	-0.083*
	(0.072)	(0.048)
Parents read regularly	-0.003	-0.032
	(0.086)	(0.059)
Mothers age at birth	0.002	-0.001
	(0.004)	(0.003)
Father has post compulsory education	-0.028	-0.011
	(0.051)	(0.035)
Fathers occupation (compared to SES I)		
No father	-0.106	0.098
	(0.177)	(0.125)
SES II	-0.178	-0.029
	(0.130)	(0.094)
SES III (non-manual)	-0.246*	-0.057
	(0.138)	(0.099)
SES III (manual)	-0.189	0.051
	(0.124)	(0.090)
SES IV (non-manual)	-0.204	-0.098
	(0.214)	(0.155)
SES IV (manual)	-0.242*	-0.002
	(0.136)	(0.097)
SES V	-0.214	-0.034
	(0.160)	(0.114)
Height	0.001	0.002
	(0.003)	(0.002)
Weight	-0.000	0.001
	(0.002)	(0.001)
SEN	-0.097	0.011

	(0.087)	(0.058)
Female teacher	-0.057	0.139***
	(0.052)	(0.035)
Eligible for free school meals	0.196**	0.025
	(0.089)	(0.063)
Stream (compared to no stream)		
Top stream	-0.052	0.021
	(0.078)	(0.053)
Middle stream	-0.042	-0.016
	(0.087)	(0.060)
Bottom Stream	-0.184*	0.034
	(0.096)	(0.062)
Class size	0.004	0.002
	(0.003)	(0.002)
School size	0.000	0.000
	(0.000)	(0.000)
Ability at age 7	-0.002	0.006**
	(0.003)	(0.002)
Bad behaviour at age 7	0.001	0.003
	(0.003)	(0.002)
Pseudo R squared	0.020	0.009
R squared		
Observations	2674	6987

Standard errors in parentheses
* significant at 10%; ** significant at 5%; *** significant at 1%

Table 9. Regression of a range of ability measures on teacher rated attractiveness using the more stringent definition of attractiveness

	OLS regression of teaching rating of ability across 4 areas	Probit regression of probability of teacher over rating ability	Probit regression of probability of teacher under rating ability
	I	II	III
Attractive	0.343***	0.131***	-0.097***
	(0.024)	(0.039)	(0.027)

Models have the same controls as Table 7
Notes same as Table 7

Table 10. Instrumental variable models of ability measures on teacher rated attractiveness

	IV teacher rated measures of ability on attractiveness	IV Probability of over rating by the teacher	IV Probability of under rating by the teacher
	I	II	III
Attractive	0.556***	0.376***	-0.105***
	(0.084)	(0.079)	(0.040)

Models have the same controls as Table 7
Notes same as Table 7

Appendix 1. Regression results using the stricter definition of attractiveness taking into account measures at age 7 and 11.

	Teacher rated ability across 4 areas	Probability of teacher over rating ability	Probability of teacher under rating ability
Attractive	0.343***	0.131***	-0.097***
	(0.024)	(0.039)	(0.027)
Female	-0.043***	-0.070***	-0.003
	(0.013)	(0.020)	(0.010)
Number of children in the HH	-0.033***	0.005	0.000
	(0.004)	(0.007)	(0.004)
Attended pre school	0.053**	0.040	0.002
	(0.025)	(0.040)	(0.020)
Parental aspirations for post compulsory education	0.131***	0.005	-0.024*
	(0.017)	(0.028)	(0.013)
Parents read regularly	0.074***	-0.002	-0.009
	(0.021)	(0.034)	(0.017)
Mothers age at birth	0.005***	0.007	-0.000
	(0.001)	(0.002)	(0.001)
Father has post compulsory education	0.110***	-0.011	-0.003
	(0.013)	(0.020)	(0.010)
Father's occupation – compared to SES I			
No father	-0.416***	-0.040	0.028
	(0.046)	(0.068)	(0.034)
SES II	-0.124***	-0.068	-0.009
	(0.034)	(0.050)	(0.028)
SES III (non-manual)	-0.223***	-0.094*	-0.017
	(0.036)	(0.051)	(0.030)

SES III (manual)	-0.362***	-0.074	0.015
	(0.032)	(0.048)	(0.026)
SES IV (non-manual)	-0.280***	-0.075	-0.029
	(0.056)	(0.080)	(0.049)
SES IV (manual)	-0.381***	-0.090*	-0.001
	(0.035)	(0.051)	(0.028)
SES V	-0.422***	-0.080	-0.009
	(0.041)	(0.060)	(0.034)
Height	-0.002**	0.001	0.001
	(0.001)	(0.001)	(0.001)
Weight	0.002***	-0.000	0.000
	(0.001)	(0.001)	(0.000)
SEN	-0.159***	-0.099	0.003
	(0.021)	(0.034)	(0.017)
Female teacher	-0.037***	-0.022	0.040***
	(0.013)	(0.021)	(0.010)
Free school meals	-0.065***	0.080**	0.007
	(0.023)	(0.036)	(0.018)
Stream – compared to no stream			
Top stream	0.317***	-0.020	0.006
	(0.020)	(0.031)	(0.018)
Middle stream	-0.091***	-0.017	-0.005
	(0.022)	(0.034)	(0.018)
Bottom stream	-0.389***	-0.073**	0.010
	(0.023)	(0.036)	(0.018)
Class size	0.003***	0.002	0.001
	(0.001)	(0.001)	(0.001)
School size	0.000**	0.000	0.000
	(0.000)	(0.000)	(0.000)
Ability at age 7	0.048***	-0.001	0.002***
	(0.001)	(0.001)	(0.001)
Bad behaviour at age 7	-0.013***	0.001	0.001
	(0.001)	(0.001)	(0.001)
Observations	12541	2674	6987
R-squared	0.516		
Pseudo R-squared		0.020	0.009

Standard errors in parentheses
Significant at 10%; ** significant at 5%; *** significant at 1%

Appendix 2: Instrumental variable models – instrumenting the age 11
attractiveness measure with a measure of attractiveness rated at age 7.

First stage results:

	IV teacher rated measures of ability on attractiveness	IV Probability of over rating by the teacher	IV Probability of under rating by the teacher
	I	II	III
Attractive	0.165***	0.499***	0.590***
	(0.009)	(0.050)	(0.031)
Obs	12541	2677	6987
Adjusted R squared	0.102		
Pseudo R squared		0.027	0.038

Instrumental variable results:

	IV – teacher rated measures of ability on attractiveness	IV – Probability of over rating by the teacher	IV – Probability of under rating by the teacher
	I	II	III
Attractive	0.556***	0.376***	-0.105***
	(0.084)	(0.079)	(0.040)
Female	-0.064***	-0.070***	-0.002
	(0.017)	(0.019)	(0.010)
Number of children in the HH	-0.010*	0.005	0.000
	(0.006)	(0.007)	(0.003)
Attended pre-school	0.102***	0.038	0.002
	(0.034)	(0.039)	(0.020)
Parental aspirations for post compulsory education	0.079***	0.006	-0.023*
	(0.023)	(0.027)	(0.014)
Parents read regularly	0.032	-0.000	-0.009
	(0.028)	(0.033)	(0.017)
Mothers age at birth	0.008***	0.001	-0.000
	(0.001)	(0.002)	(0.001)

Father has post compulsory education	0.099***	-0.010	-0.003
	(0.017)	(0.020)	(0.010)
Father;s SES compared to SES I			
No father	-0.352***	-0.041	0.027
	(0.060)	(0.069)	(0.036)
SES II	-0.107**	-0.068	-0.008
	(0.045)	(0.050)	(0.028)
SES III (non-manual)	-0.187***	-0.095*	-0.017
	(0.047)	(0.053)	(0.029)
SES III (manual)	-0.327***	-0.074	0.015
	(0.042)	(0.048)	(0.026)
SES IV (non-manual)	-0.204***	-0.076	-0.027
	(0.074)	(0.083)	(0.046)
SES IV (manual)	-0.303***	-0.091*	-0.001
	(0.047)	(0.052)	(0.028)
SES V	-0.327***	-0.083	-0.010
	(0.054)	(0.062)	(0.033)
Height	-0.002*	0.001	0.001
	(0.001)	(0.001)	(0.001)
Weight	0.002**	-0.000	0.000
	(0.001)	(0.001)	(0.000)
Cognitive ability at age 7	0.042***	-0.001	0.002
	(0.001)	(0.001)	(0.001)
Bad behaviour at age 7	-0.003**	0.000	0.001
	(0.001)	(0.001)	(0.001)
	(0.029)	(0.033)	(0.017)
Female teacher	-0.013	-0.020	0.040***
	(0.017)	(0.020)	(0.010)
Eligible for free school meals	-0.034	0.076**	0.007
	(0.030)	(0.034)	(0.018)
Stream compared to no stream			
Top stream	0.323***	-0.019	0.006
	(0.026)	(0.030)	(0.015)
Middle stream	-0.093***	-0.015	-0.006
	(0.029)	(0.034)	(0.018)
Bottom Stream	-0.356***	-0.069*	0.009
	(0.030)	(0.036)	(0.018)
Class size	0.004***	0.001	0.001
	(0.001)	(0.001)	(0.001)
School size	0.000**	0.000	0.000
	(0.000)	(0.000)	(0.000)
Controls for region	YES	YES	YES

| Observations | 12541 | 2677 | 6987 |

Standard errors in parentheses; *Significant at 10%, **Significant at 5%, ***significant at 1%