

Additional file 1.

Odds ratios for poor relations with parents, friends, teachers and classmates at age 15 and 18 by household income (high vs. low) at age 15, altogether and by gender, n=3054

	Household income					
	All		Girls		Boys	
	OR	95%-CI	OR	95%-CI	OR	95%-CI
Social relations (age 15)						
Family						
Poor family functioning	1.67	1.36 ; 2.04	1.45	1.09 ; 1.93	1.93	1.44 ; 2.59
Friends						
No friend to be confidential with	1.21	0.91 ; 1.61	1.62	1.03 ; 2.55	1.01	0.70 ; 1.48
Do not talk to friends about personal worries	1.20	0.99 ; 1.46	1.42	0.98 ; 2.06	1.25	0.96 ; 1.61
Not satisfied with help and support from friends	1.61	1.15 ; 2.25	1.34	0.79 ; 2.28	1.87	1.21 ; 2.90
Teachers and classmates						
Teachers do not help me with school work when I need it	1.29	1.01 ; 1.66	1.49	1.07 ; 2.09	1.07	0.74 ; 1.55
Classmates are not doing well together	1.87	1.21 ; 2.90	1.44	0.82 ; 2.55	2.68	1.32 ; 5.42
Feel left out by the other pupils in the class	1.61	1.24 ; 2.10	1.53	1.09 ; 2.16	1.70	1.13 ; 2.56
Social relations (age 18)						
Family						
Difficult to handle conflicts	1.44	1.15 ; 1.80	1.53	1.13 ; 2.05	1.34	0.95 ; 1.87
Friends						
No friend to be confidential with	1.90	1.26 ; 2.87	3.12	1.70 ; 5.71	1.15	0.64 ; 2.10
Difficult to handle conflicts with friends or partner	1.54	1.23 ; 1.92	1.70	1.26 ; 2.29	1.34	0.96 ; 1.88
Teachers and classmates						
Do not feel attached to my classmates	1.81	1.20 ; 2.74	2.58	1.47 ; 4.52	1.16	0.62 ; 2.19
Teachers do not help me with schoolwork when I need it	1.33	0.84 ; 2.10	1.12	0.58 ; 2.20	1.57	0.83 ; 2.96
Teachers do not help me with personal problems if I need it	0.87	0.67 ; 1.11	0.90	0.65 ; 1.25	0.82	0.55 ; 1.21

Odds ratios for poor relations with parents, friends, teachers and classmates at age 15 and 18 by highest education in the household (high vs. low) at age 15, altogether and by gender, n=3054

	Highest education in the household					
	All		Girls		Boys	
	OR	95%-CI	OR	95%-CI	OR	95%-CI
Social relations (age 15)						
Family						
Poor family functioning	1.72	1.31 ; 2.24	1.98	1.36 ; 2.87	1.48	1.00 ; 2.18
Friends						
No friend to be confidential with	1.18	0.80 ; 1.73	1.38	0.76 ; 2.49	1.10	0.66 ; 1.83
Do not talk to friends about personal worries	1.44	1.12 ; 1.86	1.92	1.22 ; 3.03	1.55	1.10 ; 2.19
Not satisfied with help and support from friends	2.05	1.38 ; 3.04	2.22	1.23 ; 4.02	1.98	1.17 ; 3.37
Teachers and classmates						
Teachers do not help me with school work when I need it	1.31	0.96 ; 1.79	1.11	0.72 ; 1.70	1.55	0.98 ; 2.44
Classmates are not doing well together	1.54	0.91 ; 2.61	1.66	0.84 ; 3.29	1.33	0.58 ; 3.05
Feel left out by the other pupils in the class	1.58	1.14 ; 2.18	1.58	1.04 ; 2.39	1.46	0.86 ; 2.48
Social relations (age 18)						
Family						
Difficult to handle conflicts	1.47	1.08 ; 2.01	1.56	1.03 ; 2.35	1.29	0.79 ; 2.11
Friends						
No friend to be confidential with	1.39	0.77 ; 2.50	3.23	1.41 ; 7.41	0.67	0.25 ; 1.75
Difficult to handle conflicts with friends or partner	1.25	0.91 ; 1.71	1.37	0.91 ; 2.07	1.03	0.63 ; 1.70
Teachers and classmates						
Do not feel attached to my classmates	1.04	0.58 ; 1.86	1.35	0.67 ; 2.69	0.54	0.16 ; 1.83
Teachers do not help me with schoolwork when I need it	2.29	1.23 ; 4.24	3.96	1.80 ; 8.72	0.89	0.26 ; 3.07
Teachers do not help me with personal problems if I need it	0.67	0.46 ; 0.98	0.59	0.36 ; 0.95	0.81	0.44 ; 1.47