A Online Appendix: Additional tables

Table A1: Child cognitive skills and years of schooling 2012-2016 (Children 5-18) excluding baseline education data

	(1) Years of school 2016-2012	(2) Years of school 2016-2012	(3) Years of school 2016-2012	(4) Years of school 2016-2012	(5) Years of school 2016-2012	(6) Years of school 2016-2012
Female	-0.018	0.032	0.015	0.104	0.171	0.150
	(0.088)	(0.092)	(0.089)	(0.099)	(0.104)	(0.099)
Health insurance scheme	0.461**	0.412**	0.469**	0.294	0.307	0.375*
	(0.198)	(0.203)	(0.198)	(0.197)	(0.201)	(0.193)
Sibling rank	-0.043	-0.042	-0.048	-0.026	-0.013	-0.028
	(0.036)	(0.039)	(0.037)	(0.037)	(0.040)	(0.038)
Raven age-adjusted z-score	0.117**			0.114**		
	(0.053)			(0.052)		
DSF age-adjusted z-score		0.175***			0.145**	
		(0.058)			(0.058)	
DSB age-adjusted z-score			0.222***			0.201***
			(0.055)			(0.055)
IMR				-2.079***	-2.242***	-2.355***
				(0.689)	(0.696)	(0.680)
Age fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Household fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	2,133	2,044	2,056	2,104	2,010	2,033
R-squared	0.584	0.571	0.589	0.591	0.578	0.597

Note: Standard errors clustered at the household level are reported in parentheses.***p<0.01;**p<0.05;*p<0.1

Table A2: Child cognitive skills and school attendance 2013-16 (Children 5-18)

	(1) N years attended school 2013-2016	(2) N years attended school 2013-2016	(3) N years attended school 2013-2016	(4) N years attended school 2013-2016	(5) N years attended school 2013-2016	(6) N years attended school 2013-2016
Female	0.039	0.064	0.045	0.124	0.157	0.214**
	(0.060)	(0.062)	(0.060)	(0.123)	(0.116)	(0.106)
Attendance 2012	1.506***	1.550***	1.571***	1.237***	1.263***	1.033***
	(0.156)	(0.161)	(0.155)	(0.359)	(0.335)	(0.337)
Years of school 2012	0.052**	0.044**	0.046**	0.058**	0.053**	0.062***
	(0.021)	(0.022)	(0.020)	(0.022)	(0.024)	(0.022)
Sibling rank	0.020	0.023	0.023	0.029	0.038	0.040
	(0.023)	(0.024)	(0.023)	(0.027)	(0.029)	(0.024)
Health insurance scheme	0.480***	0.490***	0.455***	0.413**	0.455***	0.417***
	(0.150)	(0.153)	(0.152)	(0.170)	(0.158)	(0.155)
Raven age-adjusted z-score	0.057			0.060*		
	(0.035)			(0.035)		
DSF age-adjusted z-score		0.073*			0.067	
		(0.043)			(0.043)	
DSB age-adjusted z-score			0.102**			0.095**
			(0.040)			(0.040)
IMR				-1.257	-1.338	-2.396*
				(1.585)	(1.293)	(1.286)
Age fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Household fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Observations	2,097	2,015	2,022	2,068	1,981	1,999
R-squared	0.734	0.741	0.750	0.735	0.742	0.751

Note: Standard errors clustered at the household level are reported in parentheses.***p<0.01;**p<0.05;*p<0.1

Table A3: Child cognitive skills and years of schooling 2012-2016 (Children 5-18) including IMR with a measure of relative ability

	(1) Years of school 2016-2012	(2) Years of school 2016-2012	(3) Years of school 2016-2012	(4) Years of school 2016-2012	(5) Years of school 2016-2012	(6) Years of school 2016-2012
Years of school 2012	-0.168***		-0.170***		-0.178***	
	(0.019)		(0.019)		(0.019)	
Attendance 2012	0.901***		0.825***		0.861***	
	(0.128)		(0.126)		(0.125)	
Female	0.165**	0.182**	0.189***	0.190***	0.188***	0.190***
	(0.072)	(0.072)	(0.073)	(0.073)	(0.072)	(0.072)
Health insurance scheme	0.411***	0.357***	0.361***	0.326***	0.389***	0.364***
	(0.090)	(0.091)	(0.089)	(0.091)	(0.088)	(0.090)
Sibling rank	-0.017	0.001	-0.016	0.002	-0.017	-0.000
	(0.019)	(0.019)	(0.020)	(0.020)	(0.019)	(0.019)
IMR	0.226	-0.649***	0.140	-0.577**	0.098	-0.658***
	(0.292)	(0.236)	(0.274)	(0.231)	(0.271)	(0.228)
Raven age-adjusted z-score	0.003	-0.029				
	(0.052)	(0.052)				
Raven score relative to siblings	0.123*	0.142**				
	(0.069)	(0.071)				
DSF age-adjusted z-score			0.184***	0.166***		
			(0.043)	(0.044)		
DSF score relative to siblings			-0.008	-0.024		
			(0.063)	(0.065)		
DSB age-adjusted z-score					0.240***	0.201***
					(0.045)	(0.045)
DSB score relative to siblings					-0.007	-0.007
					(0.062)	(0.064)
Age fixed effects	Yes	Yes	Yes	Yes	Yes	Yes
Household control variables	Yes	Yes	Yes	Yes	Yes	Yes
Observations	2,104	2,104	2,004	2,004	2,025	2,025
R-squared	0.240	0.207	0.242	0.206	0.251	0.214

Note: Standard errors clustered at the household level are reported in parentheses. Household control variables include economic shock index, polyginy, number of children in the household, number of boys in the household, number of household members, years of schooling of the household head, age of the household head and sex of the household head. ***p<0.01;**p<0.05;*p<0.1

Table A4: First stage (Probit coefficients): Participation of children in cognitive skills tests (school attendance)

	(1) Take Raven Test	(2) Take Raven Test	(3) Take DSF test	(4) Take DSF test	(5) Take DSB test	(6) Take DSB test
Female	-0.143***	-0.173**	-0.149***	-0.179**	-0.137***	-0.177**
	(0.050)	(0.078)	(0.050)	(0.077)	(0.049)	(0.077)
Years of school 2012	-0.010	0.001	-0.013	-0.006	-0.014	-0.011
	(0.012)	(0.020)	(0.012)	(0.020)	(0.012)	(0.020)
Attendance 2012	0.408***	0.522***	0.384***	0.514***	0.403***	0.496***
	(0.072)	(0.130)	(0.074)	(0.131)	(0.072)	(0.129)
Health insurance scheme	0.076	0.516***	0.029	0.482***	0.010	0.429***
	(0.065)	(0.147)	(0.066)	(0.151)	(0.065)	(0.142)
Paid work	0.001	-0.102	-0.070	-0.132	-0.036	-0.122
	(0.069)	(0.133)	(0.068)	(0.125)	(0.068)	(0.127)
Sibling rank	-0.018	-0.003	-0.026**	-0.012	-0.016	0.001
	(0.013)	(0.020)	(0.013)	(0.021)	(0.013)	(0.020)
Age	-0.042***	-0.054***	-0.041***	-0.054***	-0.041***	-0.049***
	(0.009)	(0.015)	(0.009)	(0.016)	(0.009)	(0.015)
Ln P/c expenditure	-0.073		-0.101**		-0.092*	
	(0.048)		(0.050)		(0.050)	
Economic shock index (0-5)	0.014		0.041		0.024	
	(0.028)		(0.027)		(0.028)	
Polyg. household	0.043		0.068		0.026	
	(0.068)		(0.072)		(0.070)	
N of children hh members	-0.009		-0.030		-0.016	
	(0.026)		(0.026)		(0.026)	
N of children-boys hh members	-0.052**		-0.062**		-0.057**	
	(0.025)		(0.025)		(0.025)	
N of hh members	-0.011		0.002		0.005	
	(0.017)		(0.017)		(0.017)	
Years school of HH	0.005		0.004		0.008	
	(0.008)		(0.008)		(0.009)	
HH age	-0.000		-0.000		-0.001	
	(0.002)		(0.002)		(0.002)	
HH female	0.306***		0.243**		0.318***	
	(0.108)		(0.107)		(0.110)	
Enumerator FE	Yes	No	Yes	No	Yes	No
Time at survey FE	Yes	No	Yes	No	Yes	No
Household FE	No	Yes	No	Yes	No	Yes
Village FE	Yes	No	Yes	No	Yes	No
Observations	3,783	2,508	3,775	2,449	3,789	2,513

Note: Standard errors clustered at the household level are reported in parentheses.***p<0.01;**p<0.05;*p<0.1