ONLINE APPENDIX

The Roma/non-Roma Test Score Gap in Hungary

By Gábor Kertesi and Gábor Kézdi

Table 1A. Details of the sample selection. Numbers of observations and statistics on test scores and the mothers' level of education.

	Number of	score		Fraction with mother's education		
	observations	reading	mathematics	8 grades or less	college	
Data from the Hungarian National Ass	sessment of Bas	ic Compete	ences, grade 8			
All registered students	113,092	n.a.	n.a.	n.a.	n.a.	
Students with test scores in reading	109,906	-0.08	n.a.	n.a.	n.a.	
Students with test scores in mathematics	104,566	n.a.	-0.06	n.a.	n.a.	
Students with test scores both in reading and mathematics	104,533	-0.03	-0.06	n.a.	n.a.	
Students with test scores and family background data	88,175	-0.01	-0.04	0.18	0.21	
Students who agreed to participate in the Hungarian Life Course Survey	37,027	-0.14	-0.09	0.24	0.19	
Data from the Hungarian Life Course	Survey					
Sample in wave 1 ^b	10,022	-0.11	-0.05	0.21	0.20	
Sample in wave 2 ^b	9,300	-0.10	-0.04	0.21	0.20	
Estimation sample ^b	9,056	-0.09	-0.03	0.20	0.20	

Notes.

^a Test scores are standardized by official figures on national means and standard deviations. Not all students'

scores are included in the national statistics, therefore the nonzero means in the total population.

^b All statistics (mean test scores and fractions) are weighted by sampling weights.

Table 2A. Summary statistics

Table 2A. Summary statistics	F	Roma		N	on-Rom	a
Variable	mean	sd	n	mean	sd	n
Low birth weight	0.17	0.38	848	0.07	0.25	8208
Body height (standardized)	-0.33	0.92	848	0.03	0.99	8208
Subjective health fair or poor	0.17	0.37	848	0.09	0.28	8208
Frequent bedtime stories (parent's answer)	0.35	0.48	848	0.65	0.48	8208
Rare theater with parents (parent's answer)	0.83	0.38	848	0.57	0.50	8208
Rare hiking with parents (parent's answer)	0.76	0.43	848	0.44	0.50	8208
Bedtime stories never (child's answer)	0.18	0.38	848	0.03	0.16	8208
Bedtime stories every day (child's answer)	0.21	0.41	848	0.48	0.50	8208
Cognitive HOME index	-1.03	0.98	848	0.09	0.94	8208
Emotional HOME index	-0.17	0.98	848	0.02	0.98	8208
Lives with biological mother	0.96	0.20	848	0.97	0.18	8208
Lives with stepmother	0.03	0.17	848	0.01	0.11	8208
Lives with biological father	0.78	0.41	848	0.72	0.45	8208
Lives with stepfather	0.06	0.24	848	0.09	0.28	8208
Mother's education $0-8^{th}$ grade	0.79	0.41	848	0.15	0.36	8208
Mother's education vocational	0.15	0.36	848	0.25	0.43	8208
Mother's education secondary	0.04	0.20	848	0.36	0.48	8208
Mother's education college	reference	0.50	040	0.00	0.07	8208
Father's education 0-8 th grade	0.54	0.50	848	0.08	0.27	8208
Father's education vocational	0.27	0.44	848	0.37	0.48	8208
Father's education secondary	0.03	0.18	848	0.21	0.41	8208
Father's education college	reference	0.49	040	0.00	0.29	8208
Books: less than 50 Books: 50	0.64 0.16	0.48 0.37	848 848	0.09 0.11	0.28 0.32	8208 8208
Books: 50-150	0.10	0.37	848 848	0.11	0.32	8208
Books: 150-150 Books: 150-300	0.11	0.31	848 848	0.23	0.42	8208
Books: 190-500 Books: 300-600	0.04	0.20	848	0.20	0.40	8208
Books: 600-1000	0.02	0.15	848 848	0.17	0.37	8208
Books: more	reference	0.07	0-10	0.07	0.28	8208
Internet at home	0.07	0.25	848	0.51	0.50	8208
Mother employed	0.24	0.43	848	0.70	0.46	8208
Father employed	0.35	0.48	848	0.66	0.47	8208
Fraction of years mother was employed	0.30	0.35	848	0.64	0.32	8208
Fraction of years father was employed	0.52	0.45	848	0.73	0.43	8208
In Household income	11.68	0.46	848	12.03	0.46	8208
In Household size	1.58	0.35	848	1.39	0.29	8208
Non-employed adults in household	1.39	0.99	848	0.67	0.81	8208
Square meter per capita	17.55	9.62	848	23.57	10.16	8208
Rooms per capita	0.55	0.25	848	0.79	0.29	8208
Bathroom	0.75	0.43	848	0.97	0.17	8208
Poverty indicator (no money for food)	0.23	0.42	848	0.05	0.21	8208
Poverty indicator (no money for heating)	0.35	0.48	848	0.12	0.32	8208
Poverty indicator (child welfare allowance)	0.67	0.47	848	0.22	0.42	8208
Poverty indicator (free lunch)	0.17	0.38	848	0.08	0.27	8208
Poverty indicator (free schoolbooks)	0.87	0.33	848	0.56	0.50	8208

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Table 3A. Detailed results	of the regressions	on standardized fest	t scores in reading
	or the regressions	on standarded tes	i seores in reading

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Roma	-0.97	-0.87	-0.38	-0.25	-0.16	-0.11	-0.05
	[0.05]**	[0.05]**	[0.05]**	[0.06]**	[0.07]*	[0.05]*	[0.07]
Low birth weight		-0.27	-0.18	-0.11	-0.09	-0.13	-0.08
		[0.04]**	[0.04]**	[0.05]*	[0.05]	[0.04]**	[0.05]
Body height (standardized)		0.11 [0.01]**	0.06	0.05	0.04	0.03 [0.01]**	0.03
Subjective health fair or poor		-0.33	[0.01]** -0.18	[0.01]** -0.15	[0.02]* -0.13	-0.13	[0.01] -0.12
Subjective health fail of pool		[0.04]**	[0.04]**	[0.04]**	[0.05]**	[0.04]**	[0.05]*
Frequent bedtime stories (parent's answer)		[0.01]	0.12	0.10	0.11	0.07	0.09
			[0.03]**	[0.03]**	[0.04]**	[0.02]**	[0.04]*
Rare theater with parents (parent's answer)			-0.13	-0.04	-0.04	-0.05	-0.01
			[0.03]**	[0.03]	[0.04]	[0.03]	[0.04]
Rare hiking with parents (parent's answer)			-0.06	-0.04	0.00	0.01	0.03
			[0.03]*	[0.03]	[0.04]	[0.03]	[0.04]
Bedtime stories never (child's answer)			-0.16	-0.06	-0.07	-0.14	-0.06
			[0.06]**	[0.06]	[0.07]	[0.06]*	[0.07]
Bedtime stories every day (child's answer)			0.16	0.12	0.10	0.09	0.06
Cognitive HOME index			[0.02]** 0.34	[0.03]** 0.28	[0.03]** 0.24	[0.02]** 0.17	[0.03] 0.16
Cognitive HOWE mdex			[0.01]**	[0.02]**	[0.02]**	[0.02]**	[0.02]*
Emotional HOME index			-0.05	-0.05	-0.03	-0.04	-0.03
			[0.01]**	[0.02]**	[0.02]	[0.01]**	[0.02]
Lives with biological mother			[0.0-]	[]	[]	0.03	-0.28
6						[0.27]	[0.34]
Lives with stepmother						-0.09	-0.33
						[0.28]	[0.34]
Lives with biological father						-0.07	0.10
						[0.45]	[0.49]
Lives with stepfather						-0.07	0.16
Mother's education 0-8 th grade						[0.45] -0.26	[0.49] -0.11
Mother's education 0-8 grade						-0.26 [0.05]**	[0.07]
Mother's education vocational						-0.29	-0.17
						[0.04]**	[0.06]*
Mother's education secondary						-0.13	-0.06
						[0.03]**	[0.05]
Father's education 0-8 th grade						-0.37	-0.22
						[0.05]**	[0.08]**
Father's education vocational						-0.28	-0.16
						[0.04]**	[0.06]**
Father's education secondary						-0.19	-0.09
Books: 0-50						[0.04]** -0.53	[0.06] -0.42
B00KS. 0-30						-0.33 [0.05]**	-0.42 [0.08]* [:]
Books: 50						-0.33	-0.28
						[0.05]**	[0.07]*
Books: 50-150						-0.29	-0.24
						[0.04]**	[0.06]*
Books: 150-300						-0.19	-0.11
						[0.04]**	[0.06]
Books: 300-600						-0.13	-0.10
D 1 (00 1000						[0.04]**	[0.06]
Books: 600-1000						-0.08	-0.13
Internet at home						[0.04]	[0.07]
Internet at home						0.18 [0.03]**	0.15 [0.04]*
						[0.03]***	[0.04]*

Mother employed					-0.05	0.00
					[0.03]	[0.05]
Father employed					0.01 [0.04]	0.02 [0.05]
Fraction of years mother was employed					-0.02	-0.11
Fraction of years father was employed					[0.04] 0.11	[0.06] 0.10
Praction of years failler was employed					[0.05]*	[0.07]
In Household income					-0.03	-0.03
In Household size					[0.03] -0.11	[0.04] -0.10
					[0.05]*	[0.08]
Non-employed adults in household					-0.05 [0.02]**	-0.03 [0.03]
Apartment size, square meters per capita					0.00	0.00
D					[0.00]	[0.00]
Rooms per capita					0.07 [0.05]	-0.11 [0.08]
Bathroom					-0.01	-0.05
Deventy indicator (no money for food)					[0.06]	[0.08]
Poverty indicator (no money for food)					-0.15 [0.05]**	-0.03 [0.06]
Poverty indicator (no money for heating)					-0.03	0.00
Poverty indicator (child welfare allowance)					[0.03] 0.10	[0.05] 0.07
Foverty indicator (clinic wenare anowance)					[0.03]**	[0.04]
Poverty indicator (free lunch)					-0.11	-0.11
Poverty indicator (free schoolbooks)					[0.04]** -0.10	[0.06] -0.06
Toverty indicator (nee schoolooks)					[0.03]**	[0.04]
Missing birth weight	-0.58	-0.34	-0.40	-0.37	-0.20	-0.33
Missing height	[0.15]** -0.15	[0.13]* -0.11	[0.15]** -0.16	[0.21] -0.16	[0.14] -0.10	[0.21] -0.13
	[0.08]	[0.08]	[0.09]	[0.11]	[0.07]	[0.11]
Missing subjective health	-0.29 [0.10]**	-0.18 [0.09]*	-0.14 [0.12]	0.03 [0.14]	-0.20 [0.08]*	0.04 [0.13]
Missing bedtime stories	[0.10]**	0.11	0.07	0.06	0.06	0.03
C .		[0.06]*	[0.07]	[0.08]	[0.06]	[0.08]
Missing cognitive HOME index		-0.13 [0.09]	-0.08 [0.11]	-0.06 [0.14]	-0.05 [0.09]	-0.02 [0.15]
Missing emotional HOME index		0.06	0.09	0.15	0.05	0.12
		[0.07]	[0.09]	[0.11]	[0.07]	[0.12]
Missing number of books					-0.20 [0.13]	-0.19 [0.18]
Missing Internet					-0.10	-0.13
Missing advection of mothem					[0.19]	[0.21]
Missing education of mother					-0.31 [0.26]	-0.46 [0.33]
Missing education of father					-0.21	0.05
Missing household income					[0.45] -0.04	[0.50] -0.05
wissing household income					[0.03]	[0.05]
Missing apartment size, square meters					-0.04	-0.06
Missing number of rooms					[0.09] 0.04	[0.13] 0.16
					[0.16]	[0.19]
Missing bathroom					-0.07	-0.22
Missing poverty indices					[0.18] 0.12	[0.27] -0.11
8 r ,					[0.11]	[0.16]

Constant	-0.01	0.04	-0.07	-0.12	-0.15	1.06	0.95
	[0.02]	[0.02]*	[0.03]*	[0.03]**	[0.04]**	[0.57]	[0.81]
School FE				YES	YES		YES
School × Class FE					YES		YES
Observations	9056	9056	9056	9056	9056	9056	9056
R-squared	0.06	0.09	0.25	0.53	0.66	0.33	0.68

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I anie 4A	. Defailed f	esults of t	ne regressions	on standardized	test scores 1	n mathematics
	• Dotumou i		ne regressions	on standardized		ii iiiuiioiiiuiio)

	(1)	(2)	(3)	(4)	(5)	(7)	(6)
Roma	-1.05	-0.94	-0.51	-0.33	-0.28	-0.22	-0.15
Low birth weight	[0.05]**	[0.05]** -0.38	[0.05]** -0.29	[0.05]** -0.19	[0.07]** -0.17	[0.05]** -0.23	[0.07]* -0.16
Low birth weight		-0.38 [0.04]**	-0.29 [0.04]**	-0.19 [0.05]**	-0.17 [0.05]**	-0.25 [0.04]**	-0.16 [0.05]*
Body height (standardized)		0.11	0.06	0.06	0.04	0.03	0.03
		[0.01]**	[0.01]**	[0.01]**	[0.02]*	[0.01]**	[0.02]
Subjective health fair or poor		-0.35	-0.23	-0.17	-0.19	-0.16	-0.17
		[0.04]**	[0.04]**	[0.05]**	[0.06]**	[0.04]**	[0.06]*
Frequent bedtime stories (parent's answer)			0.12 [0.03]**	0.08 [0.03]**	0.07 [0.04]	0.06 [0.03]*	0.04 [0.04]
Rare theater with parents (parent's answer)			-0.12	-0.03	-0.03	-0.02	-0.01
raie actuel with parents (parent 5 answer)			[0.03]**	[0.03]	[0.04]	[0.03]	[0.04]
Rare hiking with parents (parent's answer)			-0.11	-0.09	-0.06	-0.03	-0.02
			[0.03]**	[0.03]**	[0.04]	[0.03]	[0.04]
Bedtime stories never (child's answer)			-0.06	-0.06	-0.06	-0.04	-0.04
Bedtime stories every day (child's answer)			[0.06] 0.14	[0.06] 0.09	[0.07] 0.08	[0.06] 0.07	[0.07] 0.05
Bedtime stories every day (child's answer)			[0.03]**	[0.03]**	[0.08]*	[0.03]**	[0.03]
Cognitive HOME index			0.31	0.24	0.20	0.12	0.10
6			[0.01]**	[0.02]**	[0.02]**	[0.02]**	[0.02]*
Emotional HOME index			-0.06	-0.05	-0.04	-0.06	-0.04
			[0.01]**	[0.02]**	[0.02]	[0.01]**	[0.02]*
Lives with biological mother						-0.15 [0.30]	-0.02
Lives with stepmother						-0.23	[0.32] 0.01
						[0.31]	[0.33]
Lives with biological father						-0.12	-0.59
						[0.26]	[0.56]
Lives with stepfather						-0.17	-0.61
Mother's education $0-8^{th}$ grade						[0.26] -0.32	[0.56] -0.21
Woller's education of or grade						[0.05]**	[0.07]*
Mother's education vocational						-0.29	-0.22
						[0.04]**	[0.06]*
Mother's education secondary						-0.11	-0.09
Father's education 0-8 th grade						[0.04]** -0.50	[0.06] -0.27
Famer's education 0-8 grade						-0.30 [0.06]**	-0.27 [0.09]*
Father's education vocational						-0.41	-0.21
						[0.05]**	[0.07]*
Father's education secondary						-0.21	-0.09
D 1 0. 50						[0.05]**	[0.07]
Books: 0-50						-0.39 [0.06]**	-0.26 [0.09]*
Books: 50						-0.28	-0.21
						[0.06]**	[0.08]*
Books: 50-150						-0.25	-0.14
						[0.05]**	[0.07]
Books: 150-300						-0.15	-0.01
Books: 300-600						[0.05]** -0.12	[0.07] -0.05
D00K5. 500 000						[0.05]*	[0.07]
Books: 600-1000						-0.10	-0.09
						[0.05]	[0.08]
Internet at home						0.22	0.22
						[0.03]**	[0.04]*

Mother employed					-0.03	0.03
					[0.04]	[0.05]
Father employed					-0.02 [0.04]	-0.05 [0.06]
Fraction of years mother was employed					-0.01	-0.08
Fraction of your father was applayed					[0.05] 0.07	[0.06] 0.16
Fraction of years father was employed					[0.06]	[0.07]*
In Household income					0.01	0.01
In Household size					[0.03] -0.08	[0.04] -0.11
Non-employed adults in household					[0.06] -0.04	[0.08] -0.03
Non-employed adults in nousehold					-0.04 [0.02]*	[0.03]
Apartment size, square meters per capita					0.00 [0.00]	0.00 [0.00]
Rooms per capita					0.09	-0.07
Bathroom					[0.06] 0.03	[0.09] -0.03
Bathroom					[0.05]	-0.03 [0.07]
Poverty indicator (no money for food)					-0.12	-0.04
Poverty indicator (no money for heating)					[0.05]* -0.02	[0.06] 0.02
					[0.04]	[0.05]
Poverty indicator (child welfare allowance)					0.05 [0.03]	0.04 [0.05]
Poverty indicator (free lunch)					-0.06	-0.13
Poverty indicator (free schoolbooks)					[0.05] -0.03	[0.06]* 0.03
Missing high weight	-0.37	-0.16	-0.27	-0.22	[0.03] -0.04	[0.04] -0.18
Missing birth weight	-0.37 [0.16]*	-0.16	-0.27 [0.17]	-0.22 [0.19]	-0.04 [0.12]	-0.18 [0.18]
Missing height	-0.04	-0.02	-0.10	-0.13	-0.02	-0.11
Missing subjective health	[0.09] -0.33	[0.08] -0.25	[0.10] -0.16	[0.13] -0.04	[0.08] -0.28	[0.13] 0.00
	[0.10]**	[0.10]**	[0.11]	[0.15]	[0.09]**	[0.15]
Missing bedtime stories		0.13 [0.06]*	0.09 [0.07]	0.04 [0.09]	0.08 [0.06]	0.03 [0.09]
Missing cognitive HOME index		-0.21	-0.20	-0.23	-0.14	-0.18
Missing emotional HOME index		[0.10]* -0.02	[0.11] 0.01	[0.13] 0.03	[0.09] -0.04	[0.13] -0.01
-		[0.08]	[0.08]	[0.10]	[0.07]	[0.10]
Missing number of books					-0.14 [0.15]	-0.11 [0.25]
Missing Internet					-0.09	-0.25
Missing education of mother					[0.28] -0.49	[0.21] -0.36
-					[0.29]	[0.31]
Missing education of father					-0.46 [0.26]	-0.72 [0.57]
Missing household income					-0.05	-0.08
Missing apartment size, square meters					[0.03] -0.08	[0.06] -0.08
					[0.09] 0.31	[0.12] 0.50
Missing number of rooms					[0.31]	0.50 [0.22]*
Missing bathroom					0.22	0.22
Missing poverty indices					[0.19] 0.13	[0.23] 0.03
					[0.12]	[0.19]

Constant	0.04	0.10	0.01	-0.02	-0.02	0.79	0.92
	[0.02]*	[0.02]**	[0.03]	[0.03]	[0.04]	[0.39]*	[0.85]
School FE				YES	YES		YES
School × Class FE					YES		YES
Observations	8335	8335	8335	8335	8335	8335	8335
R-squared	0.07	0.10	0.23	0.54	0.67	0.32	0.69

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
Panel A. Reading							
Gap	-0.95	-0.86	-0.4	-0.26	-0.19	-0.14	-0.07
[S.E.]	[0.06]**	* [0.06]**	* [0.06]**	* [0.07]**	[0.08]*	[0.06]*	[0.08]
Observations	8201	8201	8201	8201	8201	8201	8201
R^2	0.06	0.08	0.24	0.51	0.65	0.31	0.66
Panel B. Mathema	tics						
Gap	-1.05	-0.94	-0.51	-0.33	-0.28	-0.23	-0.14
[S.E.]	[0.05]**	* [0.05]**	* [0.05]**	* [0.05]**	[0.07]**	[0.05]**	[0.07]*
Observations	8193	8193	8193	8193	8193	8193	8193
R^2	0.07	0.10	0.23	0.54	0.67	0.32	0.69
Control variables							
Health		Yes	Yes	Yes	Yes	Yes	Yes
Home environmen	t		Yes	Yes	Yes	Yes	Yes
School FE				Yes	Yes		Yes
$\textbf{School} \times \textbf{Class FE}$					Yes		Yes
Family background	ł					Yes	Yes

Table 5A. Results excluding students with special education needs.

Standard errors in brackets are clustered at the school level. *Significant at the 5 percent level. **Significant at the 1 percent level.

	Nearest	neighbor ma	atching	Stra	tified matchi	ng
	(2)	(3)	(6)	(2)	(3)	(6)
Panel A. Reading						
Gap	-0.82	-0.40	-0.09	-0.83	-0.39	-0.10
[S.E.]	[0.04]**	[0.05]**	[0.06]	[0.03]**	[0.03]**	[0.04]*
# treated observations	837	837	837	837	837	837
# control observations	3306	694	522	7988	7715	7757
Panel B. Mathematics						
Gap	-0.89	-0.59	-0.13	-0.89	-0.51	-0.17
[S.E.]	[0.04]**	[0.05]**	[0.06]*	[0.03]**	[0.03]**	[0.03]*
# treated observations	837	837	837	7988	837	837
# control observations	3096	597	425	425	7715	7757
Variables in the propensit	y score equatio	on				
Health	Yes	Yes	Yes	Yes	Yes	Yes
Home environment		Yes	Yes		Yes	Yes
Family background			Yes			Yes

 Table 6A. Roma/non-Roma test score gap estimates by propensity score matching for specifications (2), (3) and (6).

Standard errors in brackets are clustered at the school level. *Significant at the 5 percent level. **Significant at the 1 percent level.

	Low birth weight	Standardized height	Fair or poor health	Frequent bedtime stories	Rare theater	Rare hiking	Bedtime stories never	Bedtime stories every day	HOME cognitive	HOME emotiona
Roma	0.04 [0.02]*	-0.07 [0.05]	0.01 [0.02]	-0.05 [0.03]*	-0.03 [0.02]	-0.01 [0.02]	0.06 [0.02]**	-0.03 [0.02]	-0.09 [0.05]*	0.09 [0.05]
Lives with	-0.05	-0.37	-0.14	0.19	-0.07	0.23	0.00	0.04	-0.24	-0.21
bio. Mother	[0.08]	[0.31]	[0.11]	[0.15]	[0.14]	[0.14]	[0.07]	[0.15]	[0.29]	[0.33]
Lives with	-0.06	-0.47	-0.14	0.07	0.04	0.23	0.02	0.00	-0.50	-0.29
stepmother	[0.08]	[0.32]	[0.11]	[0.15]	[0.15]	[0.14]	[0.07]	[0.15]	[0.30]	[0.34]
Lives with	-0.01	0.62	0.19	0.23	0.15	-0.01	-0.10	0.22	0.11	0.36
bio. Father	[0.11]	[0.39]	[0.18]	[0.22]	[0.13]	[0.18]	[0.06]	[0.18]	[0.39]	[0.43]
Lives with	0.00	0.56	0.18	0.22	0.16	-0.02	-0.11	0.24	0.00	0.39
stepfather	[0.11]	[0.39]	[0.18]	[0.22]	[0.13]	[0.18]	[0.06]	[0.18]	[0.39]	[0.43]
Mother's edu.	0.04	-0.25	0.05	-0.25	0.28	0.30	0.05	-0.30	-0.92	-0.17
0-8 th grade	[0.01]**	[0.05]**	[0.02]**	[0.02]**	[0.02]**	[0.02]**	[0.01]**	[0.03]**	[0.04]**	[0.05]*
Mother's edu.	0.01	-0.18	0.02	-0.17	0.22	0.19	0.00	-0.22	-0.62	-0.08
Vocational	[0.01]	[0.04]**	[0.01]	[0.02]**	[0.02]**	[0.02]**	[0.01]	[0.02]**	[0.03]**	[0.04]
Mother's edu.	0.00	-0.07	0.01	-0.07	0.11	0.08	0.00	-0.13	-0.34	-0.01
Secondary	[0.01]	[0.04]	[0.01]	[0.02]**	[0.02]**	[0.02]**	[0.01]	[0.02]**	[0.03]**	[0.04]
Father's edu.	0.03	-0.05	0.06	-0.13	0.14	0.17	0.02	-0.14	-0.53	-0.12
0-8 th grade	[0.02]	[0.06]	[0.02]**	[0.03]**	[0.03]**	[0.03]**	[0.01]	[0.03]**	[0.05]**	[0.06]
Father's edu.	0.01	-0.03	0.03	-0.08	0.14	0.10	0.00	-0.08	-0.30	-0.06
Vocational	[0.01]	[0.05]	[0.01]**	[0.02]**	[0.02]**	[0.02]**	[0.01]	[0.02]**	[0.03]**	[0.05]
Father's edu.	0.00	-0.02	0.01	-0.04	0.07	0.05	0.00	-0.05	-0.15	-0.06
Secondary	[0.01]	[0.05]	[0.01]	[0.02]	[0.02]**	[0.02]*	[0.01]	[0.02]*	[0.03]**	[0.05]
Mother	-0.02	0.02	-0.02	-0.02	-0.02	-0.02	0.00	-0.01	0.08	-0.01
employed	[0.01]	[0.04]	[0.01]	[0.02]	[0.02]	[0.02]	[0.01]	[0.02]	[0.03]**	[0.04]
Father	-0.01	0.01	-0.02	-0.01	-0.01	-0.01	0.01	-0.03	0.05	-0.08
employed	[0.01]	[0.04]	[0.01]	[0.02]	[0.02]	[0.02]	[0.01]	[0.02]	[0.04]	[0.05]
Fraction of	0.02	0.02	-0.01	0.03	-0.01	-0.02	0.00	-0.02	0.03	0.08
years mother was employed	[0.01]	[0.05]	[0.02]	[0.02]	[0.02]	[0.02]	[0.01]	[0.02]	[0.04]	[0.05]
Fraction of	-0.01	0.07	0.04	0.06	-0.03	-0.03	-0.03	0.07	0.21	0.20
years father	[0.02]	[0.06]	[0.02]*	[0.03]*	[0.03]	[0.03]	[0.01]*	[0.03]**	[0.05]**	[0.06]*
was employed										
In Household	-0.01	0.03	0.00	0.01	-0.04	-0.05	-0.01	0.00	0.04	-0.09
income	[0.01]	[0.03]	[0.01]	[0.01]	[0.01]**	[0.01]**	[0.01]	[0.02]	[0.03]	[0.03]*
In Household	0.00	-0.08	-0.02	-0.11	0.05	0.02	0.02	-0.07	0.04	0.12
size	[0.02]	[0.06]	[0.02]	[0.03]**	[0.03]	[0.03]	[0.01]	[0.03]*	[0.05]	[0.06]*
Non-empl	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.01	0.04	-0.03
adults in household	[0.01]	[0.02]	[0.01]	[0.01]	[0.01]	[0.01]	[0.00]	[0.01]	[0.02]*	[0.02]
Apt sq. meters	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
per capita	[0.00]	[0.00]	[0.00]	[0.00]	[0.00]*	[0.00]**	[0.00]	[0.00]	[0.00]	[0.00]
Rooms per	-0.04	0.10	0.01	0.07	-0.13	-0.15	-0.01	0.08	0.36	0.02
capita	[0.02]*	[0.06]	[0.02]	[0.03]*	[0.03]**	[0.03]**	[0.01]	[0.03]*	[0.05]**	[0.06]
Dathraam	-0.01	0.20	-0.01	0.02	-0.11	-0.08	-0.09	0.02	0.52	0.13
Bathroom	[0.02]	[0.06]**	[0.02]	[0.03]	[0.02]**	[0.03]**	[0.02]**	[0.03]	[0.06]**	[0.06]*
Poverty (no	0.01	-0.05	0.03	-0.04	0.03	0.04	0.04	-0.01	-0.17	-0.15
money for food)	[0.02]	[0.05]	[0.02]	[0.03]	[0.02]	[0.02]	[0.02]**	[0.02]	[0.05]**	[0.06]*
Poverty (no	0.00	0.02	0.01	-0.04	-0.01	0.00	0.01	-0.03	-0.16	-0.06
money for heating)	[0.01]	[0.04]	[0.01]	[0.02]*	[0.02]	[0.02]	[0.01]	[0.02]	[0.03]**	[0.04]
Poverty (child	-0.01	-0.03	-0.01	-0.03	0.06	0.06	0.00	-0.06	-0.15	-0.06
welfare	[0.01]	[0.03]	[0.01]	[0.02]*	[0.02]**	[0.02]**	[0.01]	[0.02]**	[0.03]**	[0.04]
allowance)	[0:01]	[0:05]	[0.01]	[0.02]	[0.02]	[0:02]	[0.01]	[0.02]	[0:05]	[0.04]
Poverty (free	0.02	-0.07	0.01	-0.02	0.05	0.04	-0.01	0.00	-0.10	-0.10
lunch)	[0.02]	[0.05]	[0.02]	[0.02]	[0.02]*	[0.02]*	[0.01]	[0.02]	[0.04]**	[0.04]*
Poverty (free	0.01	-0.01	0.03	0.04	0.01	-0.01	0.00	0.00	0.01	-0.10

 Table 7A. Ethnic gap in health and parenting. Detailed estimates of the regressions on the Roma dummy and family background variables. OLS results.

schoolbooks)	[0.01]	[0.03]	[0.01]**	[0.01]**	[0.01]	[0.01]	[0.01]	[0.01]	[0.02]	[0.03]**
Missing edu.	-0.04	-0.62	-0.11	-0.13	0.17	0.34	0.03	-0.27	-1.05	-0.04
of mother	[0.08]	[0.30]*	[0.10]	[0.14]	[0.14]	[0.13]**	[0.06]	[0.14]	[0.28]**	[0.32]
Missing edu.	0.01	0.66	0.24	0.15	0.20	0.03	-0.11	0.19	-0.12	-0.22
of father	[0.11]	[0.39]	[0.18]	[0.22]	[0.13]	[0.18]	[0.06]	[0.18]	[0.39]	[0.43]
Missing	0.01	0.04	0.01	0.04	-0.07	-0.07	-0.01	0.00	0.04	0.04
income	[0.01]	[0.04]	[0.01]	[0.02]*	[0.02]**	[0.02]**	[0.01]	[0.02]	[0.03]	[0.04]
Missing apt	0.08	-0.08	0.02	-0.12	0.04	0.00	0.13	-0.12	-0.07	-0.47
size	[0.05]	[0.10]	[0.04]	[0.05]*	[0.05]	[0.05]	[0.05]**	[0.04]**	[0.09]	[0.10]**
Missing	-0.03	0.54	0.00	0.13	-0.13	-0.08	-0.12	-0.05	0.04	0.65
n.rooms	[0.04]	[0.21]*	[0.05]	[0.08]	[0.09]	[0.08]	[0.03]**	[0.10]	[0.14]	[0.17]**
Missing	-0.09	0.09	0.07	-0.15	-0.11	0.00	0.06	-0.07	-0.11	0.35
bathroom	[0.02]**	[0.32]	[0.11]	[0.11]	[0.10]	[0.09]	[0.07]	[0.10]	[0.21]	[0.19]
Missing	-0.03	-0.30	0.03	-0.10	-0.10	-0.06	-0.03	-0.04	0.00	0.14
poverty	[0.03]	[0.13]*	[0.05]	[0.07]	[0.07]	[0.06]	[0.02]	[0.07]	[0.10]	[0.14]
Constant	0.28	-0.58	0.07	0.36	0.92	0.81	0.32	0.40	-0.73	0.87
	[0.12]*	[0.47]	[0.16]	[0.23]	[0.23]**	[0.25]**	[0.09]**	[0.25]	[0.49]	[0.51]
Observations	9056	9056	9056	9056	9056	9056	9056	9056	9056	9056
R-squared	0.03	0.04	0.03	0.11	0.16	0.16	0.09	0.11	0.42	0.11