

Supplemental Appendix

Supplemental Table A1 - Estimates presented in figure 2

		5th (Primary)			6th (Lower sec.)		
	Migration background (Ref.: Natives)	APE	% CI: Lower bound	%95 CI: Upper bound	APE	% CI: Lower bound	%95 CI: Upper bound
Italian	2GEN:Mixed	−0.082	−0.097	−0.067	−0.055	−0.070	−0.039
	2GEN:Foreign	−0.406	−0.425	−0.388	−0.334	−0.353	−0.314
	1GEN	−0.477	−0.496	−0.458	−0.341	−0.358	−0.324
Mathematics	2GEN:Mixed	−0.063	−0.080	−0.045	−0.059	−0.077	−0.042
	2GEN:Foreign	−0.479	−0.502	−0.456	−0.373	−0.396	−0.351
	1GEN	−0.561	−0.583	−0.539	−0.402	−0.423	−0.382

Supplemental Table A2 - Estimates presented in figures 3 and 4

	Primary education (5th grade)				Lower secondary educ. (6 th grade)			
	Italian		Math		Italian		Math	
	%	S.E.	%	S.E.	%	S.E.	%	S.E.
1GEN vs Natives								
Non intact family	1.3	0.1	1.3	0.1	1.9	0.1	1.7	0.1
N. of siblings	1.9	0.1	1.7	0.1	2.9	0.2	2.2	0.1
Social class	8.8	0.5	8.8	0.5	8.3	0.5	6.4	0.4
Parental education	4.2	0.3	3.8	0.3	3.3	0.3	2.4	0.2
N. Books at home	1.2	0.1	1.5	0.1	2.8	0.2	1.3	0.1
Language at home	9.5	1.3	8.5	1.1	5.0	1.2	3.1	1.0
Educational resources	0.6	0.1	0.6	0.1	1.1	0.1	0.5	0.1
No help in homework	0.2	0.1	0.2	0.1	0.2	0.0	0.2	0.0
Homework frequency	0.4	0.1	0.7	0.1	0.3	0.0	0.1	0.0
Study perseverance	2.3	0.2	2.4	0.2	5.4	0.3	4.6	0.2
Extrinsic motivation	5.3	0.3	7.5	0.4	5.9	0.3	5.7	0.3
Test anxiety	0.6	0.1	0.9	0.1	1.6	0.1	1.2	0.1
2GEN vs Natives								
Non intact family	0.1	0.1	0.1	0.1	-0.1	0.1	-0.1	0.1
N. of siblings	4.4	0.3	4.1	0.3	5.1	0.3	4.6	0.3
Social class	8.8	0.6	9.4	0.6	8.1	0.5	7.4	0.5
Parental education	5.7	0.5	5.4	0.5	4.9	0.5	4.3	0.4
N. Books at home	1.1	0.1	1.5	0.1	2.3	0.2	1.3	0.2
Language at home	8.5	1.1	10.5	1.1	4.5	1.0	4.4	1.0
Educational resources	0.9	0.1	0.9	0.1	1.3	0.1	0.7	0.1
No help in homework	0.4	0.1	0.5	0.1	0.2	0.0	0.3	0.1
Homework frequency	0.8	0.1	1.4	0.1	0.2	0.0	0.1	0.0
Study perseverance	1.9	0.2	2.1	0.2	3.5	0.3	3.5	0.3
Extrinsic motivation	5.7	0.4	8.6	0.5	5.1	0.3	5.7	0.4
Test anxiety	0.9	0.1	1.3	0.1	1.3	0.1	1.1	0.1

Supplemental Table A3 - Results from OLS regression and Classroom Fixed-Effects linear models (CFE) to analyze teachers' grading (***) $p < .001$

	Mathematics		Italian	
	OLS	CFE	OLS	CFE
Primary education (5 th grade)				
Migration background (ref.: Natives)				
Mixed	-0.048***	-0.064***	-0.070***	-0.072***
2GEN	-0.207***	-0.220***	-0.235***	-0.241***
1GEN	-0.316***	-0.309***	-0.339***	-0.334***
Lower secondary education (6 th grade)				
Migration background (ref.: Natives)				
Mixed	-0.055***	-0.067***	-0.051***	-0.064***
2GEN	-0.216***	-0.214***	-0.194***	-0.183***
1GEN	-0.289***	-0.275***	-0.239***	-0.212***

Note: all the models include basic control variables and mediator variables described in Table 1.