

EXACERBATED INEQUALITIES: THE LEARNING LOSS FROM COVID-19 IN ITALY

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ONLINE APPENDIX

Table (A.I) Learning losses in 2021 compared to 2019, by quintiles

	Standardized Test Scores in Grade 8: Math					Standardized Test Scores in Grade 8: Reading				
	(1) Q1	(2) Q2	(3) Q3	(4) Q4	(5) Q5	(6) Q1	(7) Q2	(8) Q3	(9) Q4	(10) Q5
Panel A. All Sample										
2021	-0.211*** (0.004)	-0.186*** (0.004)	-0.164*** (0.004)	-0.164*** (0.004)	-0.053*** (0.004)	-0.103*** (0.004)	-0.109*** (0.004)	-0.083*** (0.004)	-0.095*** (0.004)	0.043*** (0.004)
N	206222	210179	202502	206330	205480	206274	210420	202863	206661	205819
Panel B. By Gender										
2021 × Female	-0.045*** (0.008)	-0.043*** (0.008)	-0.038*** (0.009)	-0.029*** (0.009)	-0.054*** (0.009)	-0.038*** (0.008)	-0.019** (0.008)	-0.014* (0.008)	0.005 (0.008)	-0.034*** (0.008)
2021	-0.193*** (0.006)	-0.166*** (0.006)	-0.146*** (0.006)	-0.150*** (0.006)	-0.019*** (0.006)	-0.078*** (0.006)	-0.097*** (0.006)	-0.076*** (0.006)	-0.097*** (0.006)	0.051*** (0.006)
Female	-0.072*** (0.006)	-0.079*** (0.006)	-0.085*** (0.006)	-0.104*** (0.006)	-0.135*** (0.006)	0.210*** (0.006)	0.236*** (0.006)	0.257*** (0.006)	0.236*** (0.006)	0.233*** (0.006)
N	206222	210179	202502	206330	205480	206274	210420	202863	206661	205819
Panel C. By Immigration Status										
2021 × Immigrant	-0.008 (0.011)	-0.026** (0.013)	-0.063*** (0.016)	-0.120*** (0.021)	-0.044 (0.034)	0.129*** (0.011)	-0.020 (0.013)	-0.048*** (0.016)	-0.164*** (0.020)	-0.140*** (0.032)
2021	-0.210*** (0.004)	-0.182*** (0.004)	-0.159*** (0.004)	-0.154*** (0.004)	-0.055*** (0.004)	-0.134*** (0.004)	-0.104*** (0.004)	-0.078*** (0.004)	-0.079*** (0.004)	0.041*** (0.004)
Immigrant	-0.046*** (0.007)	-0.112*** (0.009)	-0.207*** (0.011)	-0.278*** (0.015)	-0.420*** (0.020)	-0.476*** (0.008)	-0.411*** (0.009)	-0.463*** (0.012)	-0.475*** (0.015)	-0.589*** (0.019)
N	206222	210179	202502	206330	205480	206274	210420	202863	206661	205819

Notes: Robust standard errors. Dependent variable is the standardized test score at the individual level. *, **, and *** denote statistical significance at the 10, 5, and 1 percent levels respectively.

Table (A.II) Standardized Test Scores in 2019 and Demographic Characteristics

	(1) Std. Score Math	(2) Std. Score Reading
Mother education: Less than High School	-0.311*** (0.003)	-0.311*** (0.003)
Mother education: College	0.238*** (0.004)	0.228*** (0.004)
Father education: Less than High School	-0.236*** (0.003)	-0.254*** (0.003)
Father education: College	0.197*** (0.005)	0.188*** (0.004)
Student is female	-0.086*** (0.003)	0.238*** (0.003)
Students is immigrant	-0.237*** (0.005)	-0.569*** (0.005)
N	538810	538470

Notes: Robust standard errors. Dependent variable is the standardized test score at the individual level. The omitted category in education is high school (for both parents). Missing values in education are dummied out and recoded to the mean. Missing dummies are also included in all regressions. *, **, and *** denote statistical significance at the 10, 5, and 1 percent levels respectively.