ONLINE APPENDIX

Gender Differences in the Choice of Major: The Importance of Female Role Models

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TABLE A1—BALANCE TESTS: MEN

	Control classes 2015 (untreated)	Treatment classes 2015 (untreated)	p-value diff	Control classes 2016 (untreated)	Treatment classes 2016 (treated)	p-value diff
American student	90.55	88.48	(0.50)	93.49	88.52	(0.10)
In-state student	25.37	16.75	(0.04)	20.71	20.10	(0.88)
Freshman	83.58	90.58	(0.04)	86.39	90.43	(0.22)
Cumulative GPA	3.13	3.21	(0.15)	3.30	3.18	(0.02)
Belongs to fraternity [+]	53.44	50.74	(0.66)	44.64	42.11	(0.69)
Took econ in high school[+]	70.90	57.78	(0.04)	68.14	62.88	(0.39)
Athlete[+]	5.38	4.41	(0.71)	5.36	6.77	(0.65)

Notes: All percentages, except GPA. Test is of equality between treatment and control groups in the corresponding year. Sample size 770 men. [+] indicates survey variable (survey responses sample size 516 men).

TABLE A2—TREATMENT EFFECTS ON FEMALE STUDENTS
(PROBIT MODEL)

	Took Micro	Took Another	Major Econ
Treatment class x 2016	0.552	0.500	0.499
	(0.008)	(0.032)	(0.061)
Year 2016	-0.246	-0.244	-0.173
	(0.094)	(0.025)	(0.406)
Treatment class (in 2015)	-0.254	-0.233	-0.235
	(0.016)	(0.043)	(0.215)
Constant	-0.043	1.102	0.771
	(0.933)	(0.073)	(0.315)
Controls	Yes	Yes	Yes
Observations	627	627	627
Including Class fixed effects			
Treatment class x 2016	0.477	0.461	0.272
	(0.011)	(0.051)	(0.249)
Year 2016	-0.107	-0.182	-0.066
	(0.400)	(0.087)	(0.683)
Constant	-0.308	1.051	0.511
	(0.610)	(0.110)	(0.446)
Controls	Yes	Yes	Yes
Class Fixed effects	Yes	Yes	Yes
Observations	570	570	570

Notes: Probit regressions. We report score wild cluster bootstrap p-values (Kline, Santos et al., 2012) generated using boottest command in Stata 14 (Roodman et al., 2019) in parentheses. Dependent variables: (1) Dummy equal to 1 if student took Intermediate Micro the year after Principles, (2) dummy equal to 1 if she en-rolled in another economics class since Principles, (3) dummy equal to 1 if she majored in economics.

Table A3—Treatment effects on Top Female Students

	Took Micro	Took Another	Number Econ classes	Major Economics
Treatment class x 2016	0.261	0.191	0.747	0.089
	(0.079)	(0.517)	(0.269)	(0.170)
Year 2016	-0.097	-0.129	-0.433	-0.047
	(0.053)	(0.108)	(0.264)	(0.374)
Treatment class (in 2015)	-0.087	-0.045	-0.445	-0.056
	(0.072)	(0.473)	(0.183)	(0.269)
Controls	Yes	Yes	Yes	Yes
Observations	186	186	186	186

Notes: LPM/OLS regressions. We report wild bootstrap cluster robust p-values generated using boottest command in Stata 14 (Roodman et al., 2019) for standard errors clustered at the class level (12 clusters). Dependent variables: (1) dummy equal to 1 if student took Intermediate Micro the year after Principles, (2) dummy equal to 1 if he enrolled in another economics class since Principles (up to January 2019); (3) number of economics classes taken (OLS regression); (4) dummy equal to 1 if student majored in economics.

Table A4—Treatment Effects on Male students

	Took Micro	Took Another	Number Econ classes	Major Economics
Treatment class x 2016	-0.049	-0.070	-0.589	-0.061
	(0.282)	(0.146)	(0.301)	(0.202)
Year 2016	0.018	-0.012	0.246	0.040
	(0.631)	(0.910)	(0.552)	(0.244)
Treatment class (in 2015)	0.089	0.117	0.976	0.105
	(0.039)	(0.076)	(0.020)	(0.064)
Controls	Yes	Yes	Yes	
Observations	770	770	770	770

Notes: LPM/OLS regressions. We report wild bootstrap cluster robust p-values generated using boottest command in Stata 14 (Roodman et al., 2019) for standard errors clustered at the class level (12 clusters). Dependent variables: (1) dummy equal to 1 if student took Intermediate Micro the year after Principles, (2) dummy equal to 1 if he enrolled in another economics class since Principles (up to January 2019); (3) number of economics classes taken (OLS regression); (4) dummy equal to 1 if student majored in economics.

TABLE A5—ROBUSTNESS: TRIPLE DIFFERENCE ESTIMATES

	Took Micro	Took Another	Number Econ classes	Major Economics
Female x treatment class x 2016	0.135	0.195	0.787	0.121
	(0.05)	(0.004)	(0.014)	(0.000)
Year 2016	0.018	-0.018	0.090	0.029
	(0.614)	(0.692)	(0.634)	(0.264)
Female	-0.055	-0.083	-0.602	-0.030
	(0.29)	(0.238)	(0.038)	(0.36)
Female x treatment class	-0.095	-0.141	-0.973	-0.122
	(0.162)	(0.12)	(0.07)	(0.124)
Female x 2016	-0.039	-0.033	-0.182	-0.047
	(0.144)	(0.612)	(0.394)	(0.002)
Treatment class x 2016	-0.043	-0.057	-0.346	-0.043
	(0.378)	(0.278)	(0.532)	(0.322)
Constant	0.544	1.032	8.37	0.833
	(0.000)	(0.006)	(0.000)	(0.000)
Class fixed effects	Yes	Yes	Yes	Yes
Controls	Yes	Yes	Yes	Yes
Observations	1,286	1,286	1,286	1,286

Notes: LPM/OLS regressions. We report wild bootstrap cluster robust p-values generated using clustse command in Stata 14 (Menger, 2015) for standard errors clustered at the class level (9 clusters). Dependent variables: (1) Dummy equal to 1 if student took Intermediate Micro the year after Principles, (2) dummy equal to 1 if student enrolled in another economics class since Principles (up to January 2019); (3) Number of economics classes taken (OLS regression); (4) Dummy equal to 1 if student majored in economics.

TABLE A6—ROBUSTNESS:
TRIPLE DIFFERENCE ESTIMATES WITHOUT CLASS FIXED EFFECTS

	Took Micro	Took Another	Number Econ classes	Major Economics
Female x Treatment x 2016	0.154	0.212	1.010	0.141
	(0.010)	(0.000)	(0.014)	(0.000)
Year 2016	0.012	-0.018	0.190	0.034
	(0.754)	(0.814)	(0.630)	(0.306)
Treatment class (in 2015)	0.077	0.103	0.916	0.101
	(0.086)	(0.124)	(0.068)	(0.152)
Female	-0.043	-0.083	-0.594	-0.035
	(0.216)	(0.086)	(0.006)	(0.174)
Female x Treatment class	-0.121	-0.161	-1.125	-0.135
	(0.026)	(0.024)	(0.030)	(0.118)
Female x 2016	-0.060	-0.049	-0.363	-0.060
	(0.074)	(0.152)	(0.102)	(0.002)
Treatment class x 2016	-0.040	-0.063	-0.488	-0.053
	(0.468)	(0.268)	(0.420)	(0.292)
Controls	Yes	Yes	Yes	Yes
Observations	1,397	1,397	1,397	1,397

Notes: LPM/OLS regressions. We report wild bootstrap cluster robust p-values generated using clustse command in Stata 14 (Menger, 2015) for standard errors clustered at the class level (12 clusters). Dependent variables: (1) dummy equal to 1 if student took Intermediate Micro the year after Principles, (2) dummy equal to 1 if student enrolled in another economics class since Principles (up to January 2019); (3) number of economics classes taken (OLS regression); (4) dummy equal to 1 if student majored in economics.