

ONLINE APPENDIX

CAN ADMISSIONS PERCENT PLANS LEAD TO BETTER COLLEGIATE FIT FOR MINORITY STUDENTS?

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APPENDIX TABLE: ORDINARY LEAST SQUARES REGRESSIONS
OF THE PROBABILITY OF UNDERMATCH/OVERMATCH IN COLLEGE ENROLLMENT

	Panel A: Sample includes all students ^a , Undermatch by 20+ points		Panel B: Top 25% of SAT ^b , Undermatch by 20+ points		Panel C: Bottom 25% of SAT ^c , Overmatch by 20+ points	
	(1)	(2)	(3)	(4)	(5)	(6)
<i>High school class rank (bottom 75% is omitted)</i>						
Top 10% student	-0.136*** (0.003)	-0.150*** (0.004)	-0.323*** (0.008)	-0.304*** (0.009)	0.242*** (0.013)	0.109*** (0.034)
Top 11-25% student	-0.032*** (0.003)	-0.036*** (0.004)	-0.119*** (0.008)	-0.116*** (0.010)	0.153*** (0.009)	0.074*** (0.020)
<i>Race and ethnicity (white is omitted)</i>						
Black	0.061*** (0.004)	0.058*** (0.005)	-0.009 (0.018)	0.042 (0.026)	-0.256*** (0.013)	-0.319*** (0.014)
Hispanic	0.005 (0.004)	-0.017*** (0.004)	0.001 (0.010)	0.030* (0.017)	-0.026** (0.012)	-0.019 (0.013)
Asian	-0.034*** (0.005)	-0.002 (0.007)	-0.038*** (0.010)	-0.010 (0.016)	0.021 (0.023)	-0.049* (0.028)
<i>Interactions with class rank</i>						
Top 10% x Black		0.027*** (0.010)		-0.133*** (0.039)		0.366*** (0.040)
Top 10% x Hispanic		0.068*** (0.006)		-0.064*** (0.021)		0.032 (0.037)
Top 10% x Asian		-0.074*** (0.010)		-0.056*** (0.019)		0.238*** (0.066)
Top 11-25% x Black		-0.017* (0.009)		-0.013 (0.046)		0.284*** (0.026)
Top 11-25% x Hispanic		0.024*** (0.006)		-0.003 (0.025)		-0.003 (0.023)
Top 11-25% x Asian		-0.003 (0.012)		0.006 (0.026)		0.189*** (0.052)
<i>College readiness</i>						
SAT percentile rank	0.956*** (0.007)	0.958*** (0.007)	0.795*** (0.047)	0.792*** (0.047)	-1.812*** (0.052)	-1.837*** (0.051)
Exit exam percentile rank	-0.052*** (0.007)	-0.057*** (0.007)	-0.095*** (0.022)	-0.095*** (0.022)	0.115*** (0.018)	0.120*** (0.018)
AP semesters completed	-0.008*** (0.000)	-0.007*** (0.000)	-0.013*** (0.001)	-0.013*** (0.001)	0.010*** (0.001)	0.010*** (0.001)
<i>Other demographics</i>						
Female	0.008*** (0.002)	0.008*** (0.002)	0.015** (0.006)	0.015** (0.006)	0.008 (0.007)	0.005 (0.007)
Mother attended college	-0.014*** (0.003)	-0.014*** (0.003)	-0.023*** (0.007)	-0.023*** (0.007)	0.039*** (0.007)	0.039*** (0.007)

Family income (>\$80k is omitted)

Less than \$40k	0.064*** (0.003)	0.063*** (0.003)	0.113*** (0.009)	0.113*** (0.009)	-0.063*** (0.012)	-0.061*** (0.012)
Between \$40k to \$80k	0.054*** (0.003)	0.052*** (0.003)	0.083*** (0.007)	0.083*** (0.007)	-0.044*** (0.012)	-0.042*** (0.012)
Observations	93,860	93,860	25,842	25,842	18,066	18,066
R ²	0.222	0.224	0.135	0.136	0.134	0.151
<i>Other controls</i>						
High school fixed effects	Yes	Yes	Yes	Yes	Yes	Yes

Notes: Columns (1)-(6) show estimates from linear probability models of the probability of undermatch/overmatch in college enrollment. Undermatch occurs if the student's SAT score is more than 20 points above the lagged campus median. Overmatch occurs if the student's SAT score is more than 20 points below the lagged campus median. Robust standard errors shown in parentheses. ^aPanel A sample includes all Texas public high school graduates from 2008 and 2009 who enrolled at a Texas public university (31 campuses) the following fall. ^bPanel B sample includes a subset of students with SAT scores (or ACT equivalent) in the top 25% among public university applications statewide. ^cPanel C sample includes a subset of students with SAT scores (or ACT equivalent) in the bottom 25% among public university applications statewide. ***, **, * indicates statistical significance at the 1%, 5%, and 10% level, respectively.

Source: Authors' calculations based on 2008 and 2009 student cohort data from the Texas Education Research Center (ERC) at the University of Texas at Austin. Our dataset includes Texas public high school graduates from spring 2008 and spring 2009 who also enrolled full-time at a Texas public university the following fall. This is approximately 20 percent of all graduates (from about 490,000 total high school graduates). The 2008 and 2009 high school graduates enrolled at one of 31 Texas public university including the elite flagship universities (University of Texas at Austin and Texas A&M University at College Stations), other top 10% campuses, and open enrollment institutions.