









Ocater access led to greater enfollment and an ingrease in the flumber of students passing.

		# Enrolled			# Passed		
•		Fall 2017	Fall 2018	Gain	Fall 2017	Fall 2018	Gain
п.	Math 10	619	896	277 (45%)	438	556	118 (27%)
	Math 48A	264	364	100 (38%)	166	217	51 (31%)

- Math 10:160 additional Latinx students enrolled and 63 additional Latinx students passed
- Math 48A. 77 additional Latinx students enrolled and 40 additional Latinx students passed



Latinx stude its have significant daps to both Wath 10 and Math 484

No significant improvement for Math 10 from Fall 2017

Come improvement for Math 48A: Latinx dab decreased 4 percentage points from Fall 2017





Fall 2017 Spring 2018 Die notions studente but able to make contra

Sep 1: Logistic regression on total data set to determine variables for matching (different) petween groups and related to success)

L'Gep 2: Maron students on these variables

Sign 3: Lodistic regression on matched data ollook at effect of tutors



Comparison of matched students:

	IIII III II WIM IIIII	F17-Sp18		F18	
	HS GPA Band*	Count	Passed	Count	Passed
***	GPA >=3.0	119	72%	194	79%
	GPA 2.3-2.9	117	44%	192	48%
	GPA < 2.3	36	44%	59	34%

Office minimum placement recommendations for statistics.



compared Fall 2018 Math 48A-248A students to similar students from Fall 2018 Math 48A stander alone class. Diction of all students but able to make gausal inferences:

Fall 2018 Math 48A stand-alone class

Access based on combination of HSGPA and course completion.

Feath 48A if 42° grade HSGPA = 3.2.

Fall 2018 Math 48A with Math 248A:

All students have access, including students with how As





declined from Fall 2017, but were similar to Spring 2016

Greater acress in Fall 2018 vs. Fall 2017 — more students enrolled and more students passed:

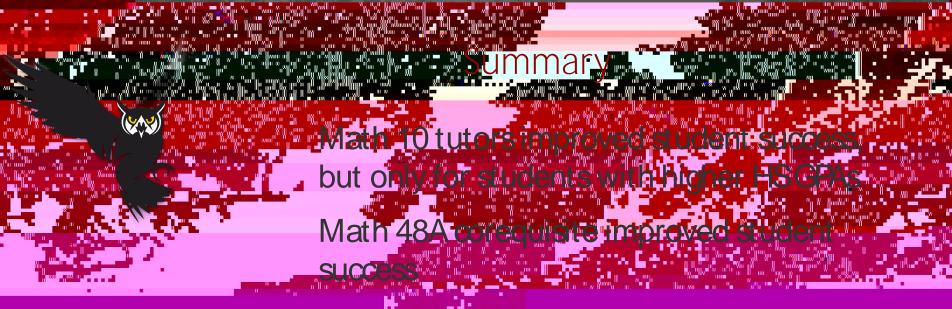
Math 10: 1

- 45% cein (277 students) in # enrolled
- 27% gain (118 students) in # passed

Math 48A

- 38% gain (100 students) in # enrolled
- 31%gain (51 students) in # passed, 📉





Sill to come: WHY did higher-GPA students benefit from tutors but not those with lower-HS-EPAs? WHA VASPICIS of the

