













## Theoretical Model

- Economic model is human capital **Production Function** 
  - One of the inputs is academic preparation
  - The output examined here is success in college
- Theory predicts that better information about your college readiness improves academic preparation and thereby increases the probability of success in college (lower probability of remediation)



	Pre-	Pre-EAP		Post-EAP		
	$\sim$			$\sim$		
Proportion	2003	2004	2005	2006		
Male	0.394	0.390	0.383	0.390		
White	0.500	0.481	0.466	0.438		
Black	0.084	0.093	0.098	0.113		
Hispanic	0.166	0.167	0.174	0.163		
Asian	0.155	0.158	0.170	0.186		
Other race/ethnicity	0.093	0.099	0.091	0.100		
Parental Education:						
Mom - HS Grad	0.552	0.551	0.547	0.565		
Mom - College Grad	0.268	0.255	0.242	0.248		
Dad - HS Grad	0.515	0.483	0.528	0.523		
Dad - College Grad	0.305	0.324	0.272	0.282		
Math Proficient	0.523	0.550	0.574	0.527		
English Proficient	0.417	0.413	0.435	0.438		
9 <b>N</b>	1796	1726	1872	1917		



	Pre-EAP		Post-EAP	
Average	2003	2004	2005	2006
ELM Test (math)	43.2	43.4	43.1	42.2
Proportion non-zero	0.699	0.696	0.652	0.682
EPT Test (English)	144.7	144.1	143.9	144.0
Proportion non-zero	0.792	0.790	0.730	0.737
SAT	966	961	969	955
Proportion non-zero	0.832	0.849	0.807	0.800
ACT	20	19	19	19
Proportion non-zero	0.220	0.219	0.218	0.181
High School GPA	3.2	3.2	3.2	3.2
N	1796	1726	1872	1917







V	/ariable Male	English	z	Math	
_	Male			Iviatii	z
_	Dia di	-0.0167	-1.09	-0.2033	-12.74
	Віаск	0.1480	6.58	0.1872	5.26
	Hispanic	0.1891	11.07	0.0812	3.13
	Asian	0.2335	13.61	0.0725	2.82
	Other race	0.1759	9.09	0.0709	2.37
	High school GPA	-0.1104	-5.56	-0.2019	-9.19
	CST score (same subject)	-0.0076	-15.94	-0.0062	-19.75
	Dad College Grad	-0.0384	-2.12	-0.0022	-0.11
	Mom College Grad	-0.0549	-2.86	-0.0708	-3.64
	Post EAP	0.0444	2.02	0.0029	0.11
	EAP participation	-0.0616	-2.87	-0.0431	-1.71
H C	ligh School Characteristics	1		-	
٨	I	6,210		4,796	



## Conclusions & Future Directions Analysis indicates that I can reject my null hypothesis. Evidence that EAP participation does reduce the probability that CSUS first-time freshmen require remediation Policy makers should compare the benefit of modestly reduced remediation to the cost of the program.

 Future work examines how results change when data on students at all CSU campuses are analyzed.

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