TITLE:

subtitle

Ray Huang* Brown University, Honors Thesis January 7, 2023

Abstract

Aspirational abstract goes here!

^{*}Contact: ray_huang@brown.edu. I thank Peter Hull at Brown University for serving as my advisor and for providing me with fantastic feedback.

Introduction

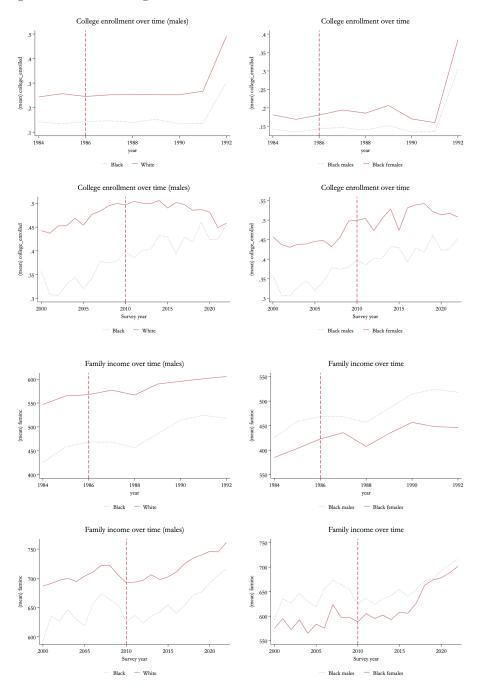
Motivation and Background

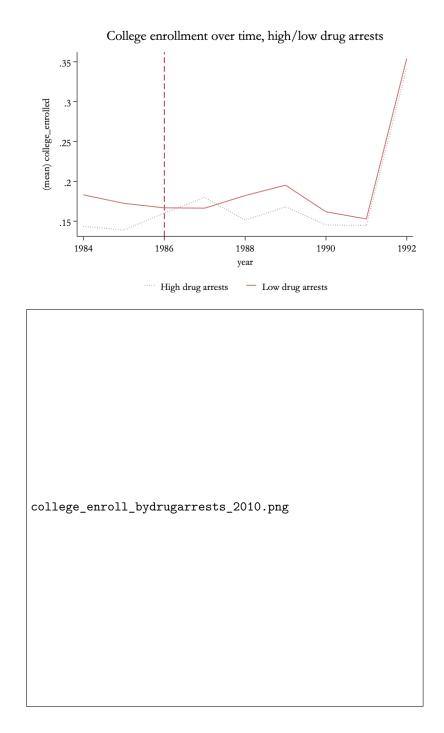
Data Description

Empirical/Econometric Methods, Hypotheses tested

Figures

Note: all figures are limited to ages 18-24 inclusive.





Tables

Table 1: Summary Statistics

	(1)	(2)
	Pre-period	Post-period
Male	0.49	0.49
	(0.500)	(0.500)
Black	0.14	0.14
	(0.346)	(0.347)
HS Graduate	0.82	0.81
115 Gradatic	(0.385)	(0.389)
Enrolled in college	0.24	0.29
Linolica in college	(0.426)	(0.453)
Enrolled in college (Black males)	0.02	0.03
Enrolled in college (Black mates)	(0.146)	(0.162)
Enrolled in college (Non-Black males)	0.22	0.26
Enrolled in conlege (Non-Diack maies)	(0.411)	(0.439)
	, ,	` ,
Enrolled in 2-year coll.	0.00	0.01
	(0)	(0.0889)
Enrolled in 4-year coll.	0.24	0.28
•	(0.426)	(0.449)
Observations	47595	79894

 $\ mean\ coefficients;\ sd\ in\ parentheses$

Table 2: Britton Table 2

	(1)	(2)	(3)
after1986	.04427***	.04037***	0
	(.006001)	(.005414)	(.)
Black	1021***	06456***	07368***
	(.01272)	(.0105)	(.01246)
interaction	01133	01234	006629
	(.01378)	(.01137)	(.01187)
Constant	.2446***	-8.086***	-7.946***
	(.008332)	(.4056)	(.4216)
Observations	61403	61403	61403
Adjusted R^2	0.009	0.120	0.146
$State_yr_FE$	\mathbf{N}	N	${ m Y}$
$\underline{\hspace{1.5cm} \text{Demographic_controls}}$	N	Y	Y

Standard errors in parentheses

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

Table 3: Britton Table 2, control experiment

	(1)	(2)	(2)
	(1)	(2)	(3)
after1986	.05002***	.02519***	0
	(.00464)	(.004266)	(.)
Black	1767***	08212***	07705***
	(.01336)	(.01162)	(.01296)
interaction	.0001738	006754	003525
	(.01274)	(.0105)	(.01088)
Constant	.4319***	-1.09***	-1.053***
	(.01498)	(.1826)	(.1777)
Observations	126294	126294	126294
Adjusted \mathbb{R}^2	0.013	0.119	0.135
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Weights used. Males only. SEs clustered at state level. AGES 35-50.

Table 4: Britton Table 3

	(1)	(2)	(3)
after1986	.03936***	.0282**	0
	(.01306)	(.01233)	(.)
male	02641**	03954***	04253***
	(.01192)	(.01108)	(.01135)
$sex_interaction$	006419	004532	002536
	(.01575)	(.0159)	(.0165)
Constant	.1689***	-4.677***	-4.53***
	(.0097)	(.4739)	(.5066)
Observations	14991	14991	14991
Adjusted R^2	0.003	0.103	0.126
$State_yr_FE$	N	N	Y
$_Demographic_controls$	N	Y	Y

Standard errors in parentheses

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

Table 5: Britton Table 3, control experiment

	(1)	(2)	(3)
after1986	.06617***	.03427***	0
aner 1900			()
	(.00926)	(.009134)	(.)
	0.0000	044 = 0	04.000
male	.02698**	01173	01283
	(.0103)	(.01189)	(.0114)
sex_interaction	01597	007721	007772
	(.0116)	(.01212)	(.01238)
	()	(-)	()
Constant	.2282***	1.063***	1.133***
	(.0144)	(.3845)	(.3931)
Observations	24954	24954	24954
Adjusted R^2	0.004	0.114	0.133
State_yr_FE	N	N	Y
Demographic_controls	N	Y	Y

Weights used. SEs clustered at state level. AGES 35-50.

Table 6: DiD: Fair Sentencing Act, blacks vs whites

	(1)	(2)	(3)
after2010	.03072***	.02859***	0
	(.007178)	(.007088)	(.)
Black	1172***	1061***	1098***
	(.01419)	(.01206)	(.01426)
interaction	.04387***	.03536***	.03728***
	(.01025)	(.01012)	(.01105)
Constant	.4786***	-9.838***	-9.764***
	(.008984)	(.254)	(.2498)
Observations	114090	114090	114090
Adjusted R^2	0.006	0.085	0.096
$State_yr_FE$	N	N	Y
Demographic_controls	N	\mathbf{Y}	Y

Standard errors in parentheses

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

Table 7: DiD: Fair Sentencing Act, blacks vs whites, control experiment

	(1)	(2)	(3)
after2010	.03688***	.03531***	0
	(.005766)	(.005671)	(.)
Black	09199***	04809***	04217***
	(.01557)	(.01238)	(.01285)
interaction	.02353**	.01417	.009093
	(.01075)	(.009078)	(.009292)
Constant	.5669***	.2558**	.2816**
	(.007974)	(.1172)	(.1181)
Observations	285600	285600	285600
Adjusted R^2	0.004	0.087	0.095
$State_yr_FE$	N	N	Y
$\underline{\hspace{1.5cm}} Demographic\underline{\hspace{1.5cm}} controls$	N	Y	Y

Weights used. Males only. SEs clustered at state level. AGES 35-50 $\,$

Table 8: DiD Fair Sentencing Act, black males vs females

	(1)	(2)	(3)
after2010	.05706***	.03615***	0
	(.01186)	(.01219)	(.)
male	1006***	1106***	1129***
	(.01081)	(.01056)	(.01082)
sex_interaction	.01753	.02144	.02335
	(.01408)	(.01505)	(.01479)
Constant	.462***	-8.207***	-8.022***
	(.01192)	(.5089)	(.5651)
Observations	26198	26198	26198
Adjusted R^2	0.012	0.103	0.111
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Standard errors in parentheses

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

Table 9: DiD Fair Sentencing Act, black males vs females, control experiment

	(4)	(2)	(0)
	(1)	(2)	(3)
after2010	.09404***	.07418***	0
	(.0117)	(.009614)	(.)
male	06253***	08723***	08835***
	(.005736)	(.006097)	(.005948)
sex_interaction	03364***	02353***	02367***
	(.008531)	(.008622)	(.008802)
Constant	.5375***	3061	2344
	(.01185)	(.2063)	(.2227)
Observations	59353	59353	59353
Adjusted R^2	0.013	0.102	0.111
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Weights used. SEs clustered at state level. AGES 35-50

Table 10: DiD 1986, high vs low drug arrest states

	(1)	(2)	(3)
after1986	02204	01782	0
	(.03323)	(.03069)	(.)
ab	-2.43e-10**	-2.68e-10**	-9.82e-09
	(1.13e-10)	(1.14e-10)	(483098)
ab_post_interact	3.52 e-10*	2.67e-10*	-4.42e-10
	(1.82e-10)	(1.49e-10)	(127560)
Constant	.1897***	-3.477***	-1.878
	(.01663)	(1.243)	(6.76e+13)
Observations	3079	3079	3079
Adjusted R^2	0.003	0.091	0.095
$State_yr_FE$	N	N	Y
$\underline{\hspace{1.5cm}} Demographic\underline{\hspace{1.5cm}} controls$	N	Y	Y

Standard errors in parentheses

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

^{*} p < 0.10, ** p < 0.05, *** p < 0.01

Table 11: DDD 1986

	(1)	
after1986	0	
	(.)	
D1 1	00051	
Black	02251	
	(.04882)	
high_drug	0	
g.ius	(.)	
	(.)	
post_black_interact	04969	
• = =	(.03326)	
	,	
high_drug_black_interact	07639	
	(.05246)	
high_drug_post_interact	0	
mgn_drug_post_mteract		
	(.)	
triple_interact	.06099	
_	(.03878)	
	,	
Constant	-7.111***	
	(.5969)	
Observations	29426	
Adjusted R^2	0.148	
$State_yr_FE$	Y	
Demographic_controls	Y	

^{*} p < 0.10, ** p < 0.05, *** p < 0.01