TITLE:

subtitle

Ray Huang* Brown University, Honors Thesis January 9, 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

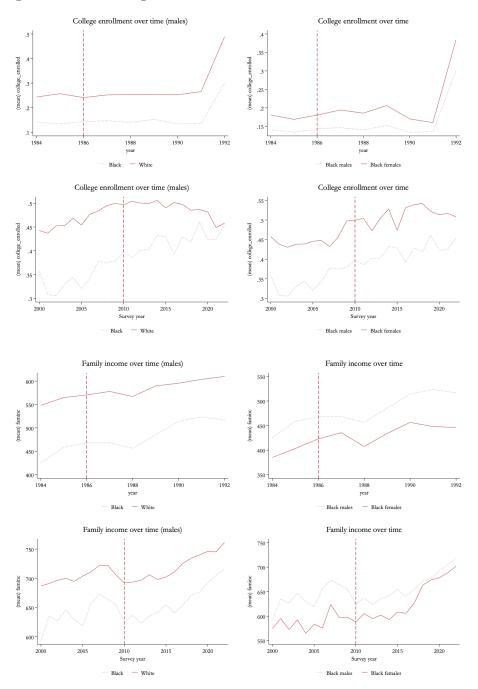
Motivation and Background

Data Description

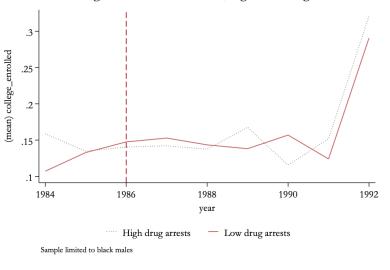
Empirical/Econometric Methods, Hypotheses tested

Figures

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



College enrollment over time, high/low drug arrests



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
	(0.385)	(0.389)
Enrolled in college	0.24	0.29
_	(0.426)	(0.453)
Enrolled in college (Black males)	0.02	0.03
,	(0.146)	(0.162)
Enrolled in college (Non-Black males)	0.22	0.26
,	(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

	(4)	(0)	(0)
	(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
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Weights used. Males only. SEs clustered at state level. Still missing some demographic controls.

Table 3: Britton Table 2, control experiment

	(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 R^2	0.013	0.119	0.135
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Standard errors in parentheses

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

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

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Table 4: Britton Table 3

	(1)	(2)	(3)
0. 1000	· /	()	
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 \mathbb{R}^2	0.003	0.103	0.126
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Weights used. SEs clustered at state level. Still missing some demographic controls.

Table 5: Britton Table 3, control experiment

	(1)	(2)	(3)
after1986	.06617***	.03427***	0
	(.00926)	(.009134)	(.)
male	.02698**	01173	01283
maie			
	(.0103)	(.01189)	(.0114)
sex interaction	01597	007721	007772
	(.0116)	(.01212)	(.01238)
Constant	.2282***	1.063***	1.133***
Constant	(.0144)	(.3845)	(.3931)
Observations	24954	24954	24954
Adjusted \mathbb{R}^2	0.004	0.114	0.133
$State_yr_FE$	N	N	Y
Demographic_controls	N	Y	Y

Standard errors in parentheses

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

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

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

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
$State_yr_FE$	\mathbf{N}	\mathbf{N}	Y
Demographic_controls	N	Y	Y

Weights used. Males only. SEs clustered at state level. Still missing some demographic controls.

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
Demographic_controls	N	Y	Y

Standard errors in parentheses

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

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

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

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

Weights used. SEs clustered at state level. Still missing some demographic controls.

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

	(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

Standard errors in parentheses

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

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

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

	(1)	(2)	(3)
after1986	.05844***	.05228***	0
	(.01806)	(.01761)	(.)
ab	.0007097***	.0004725**	0
	(.0002166)	(.0002309)	(.)
ab_post_interact	0006435***	0004241*	0
	(.0002201)	(.0002247)	(.)
Constant	.1274***	-3.879***	-4.142***
	(.01413)	(.945)	(.9937)
Observations	2529	2529	2529
Adjusted R^2	0.003	0.075	0.096
$State_yr_FE$	N	N	Y
$Demographic_controls$	N	Y	Y

Weights used. SEs clustered at state level. Still missing some demographic controls.

Table 11: DDD 1986

	(.)
	(1)
after1986	0
	(.)
D1 1	0.04 - 1444
Black	06174***
	(.02004)
high days	0
high_drug	-
	(.)
post_black_interact	.01296
post_black_interact	(.03946)
	(.00040)
high_drug_black_interact	03643
0	(.0222)
	(10===)
high_drug_post_interact	0
0 _ 0_, _	(.)
	()
triple_interact	02596
	(.04182)
Constant	-8.663***
	(.4515)
Observations	28152
Adjusted R^2	0.141
$State_yr_FE$	Y
Demographic_controls	Y

Standard errors in parentheses

Weights used. SEs clustered at state level. Still missing some demographic controls.

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

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

References

Britton, Tolani. 2022. "Does locked up mean locked out? The effects of the anti-drug abuse act of 1986 on black male students' college enrollment." *Journal of Economics, Race, and Policy* 5 (1):54–71.

Duflo, Esther. 2001. "Schooling and labor market consequences of school construction in Indonesia: Evidence from an unusual policy experiment." American economic review 91 (4):795–813.