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subtitle

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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

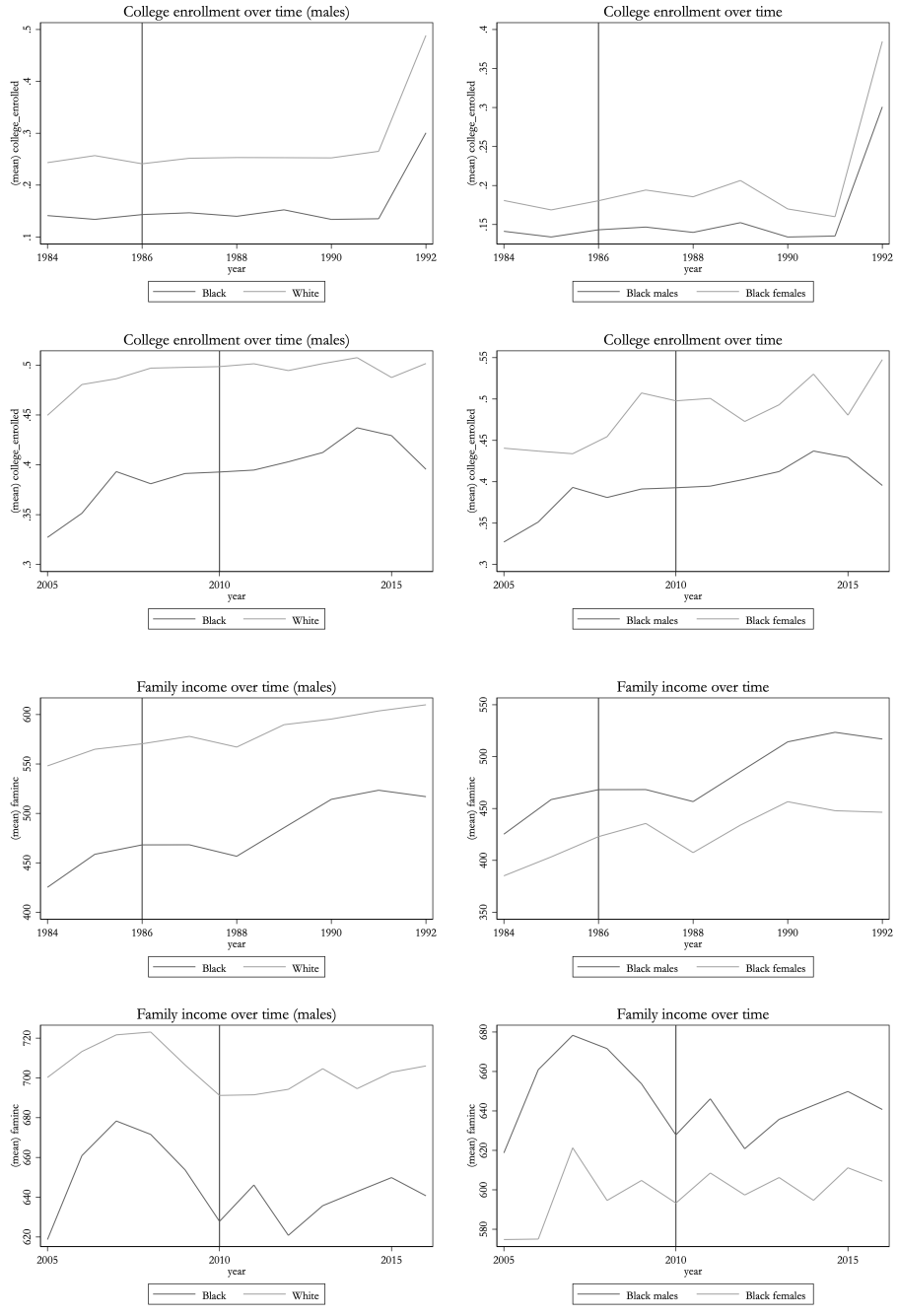
Motivation and Background

Data Description

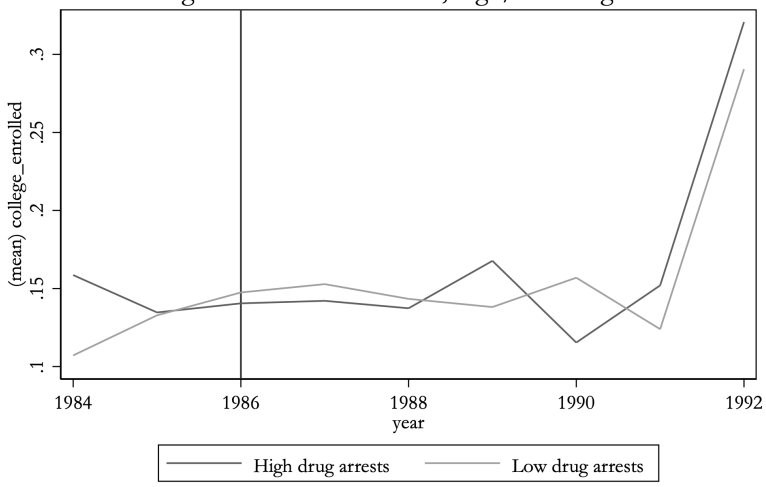
Empirical/Econometric Methods, Hypotheses tested

Figures

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

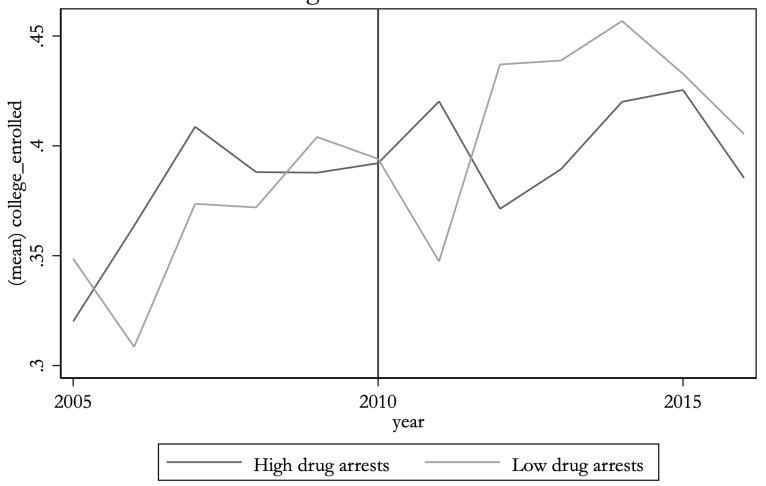


College enrollment over time, high/low drug arrests



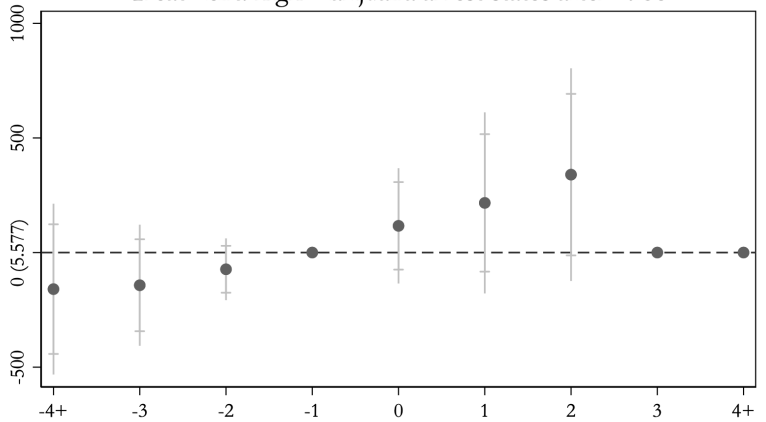
Sample limited to black males

College enrollment over time

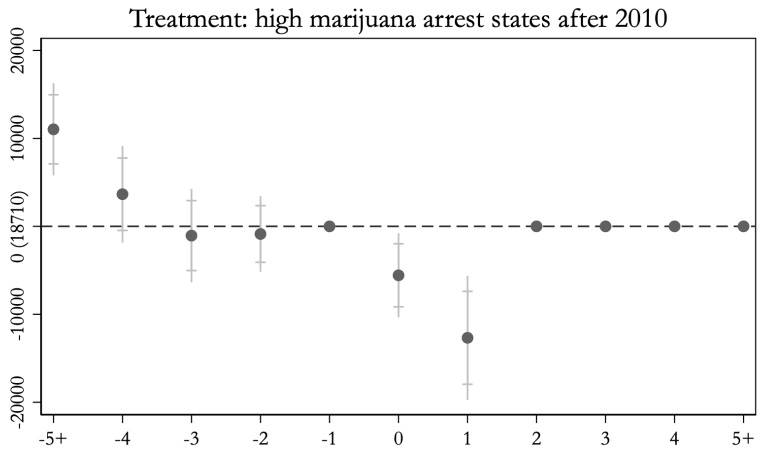


Sample limited to black males

Treatment: high marijuana arrest states after 1986



Estimates of 1986 law's effects on black adult marijuna arrests in an event study model.
Sample limited to ages 18-24 inclusive.
Event time 0 = 1986.
High marijuana states >= 75th percentile
Controlling for population.



Estimates of 2010 law's effects on black adult marijuna arrests in an event study model.
Sample limited to ages 18-24 inclusive.
Event time 0 = 2010.
High marijuana states >= 75th percentile
Controlling for population.

Tables

Table 1: Summary Statistics

	(1) Pre-period	(2) 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

	(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

Standard errors in parentheses

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 5: Britton Table 3, control experiment

	(1)	(2)	(3)
after1986	.06617***	.03427***	0
	(.00926)	(.009134)	(.)
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

Standard errors in parentheses

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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	N	N	Y
Demographic_controls	N	Y	Y

Standard errors in parentheses

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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
Demographic_controls	N	Y	Y

Standard errors in parentheses

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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

Standard errors in parentheses

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

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

Table 11: DDD 1986

	(1)
after1986	0
	(.)
Black	-.06174***
	(.02004)
high_drug	0
	(.)
post_black_interact	.01296
	(.03946)
high_drug_black_interact	-.03643
	(.0222)
high_drug_post_interact	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.

* $p < 0.10$, ** $p < 0.05$, *** $p < 0.01$

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.