TITLE:

subtitle

Ray Huang* Brown University, Honors Thesis January 4, 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.

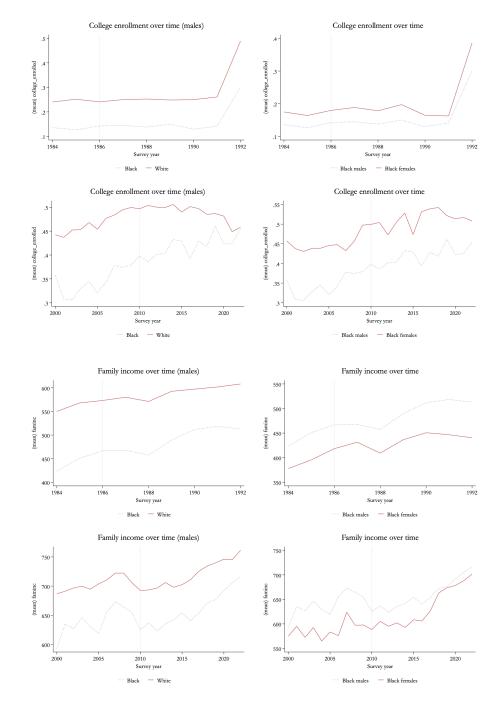
Introduction

Motivation and Background

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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

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

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} | 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 $\,$

^{*} 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.