Mass Incarceration and Mandatory Minimums

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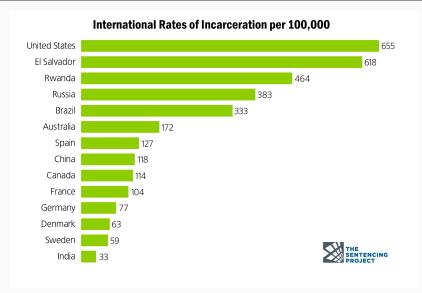
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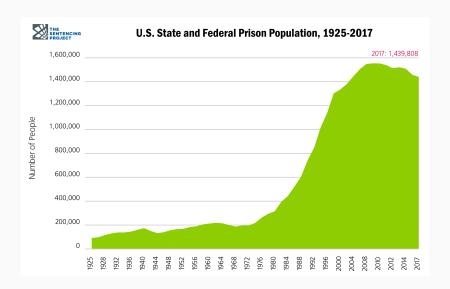
rather than make recommendations and let judges / juries determine sentences on a case by case basis.

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Did this $\rightsquigarrow \uparrow$ incarceration?

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So how could they be to blame?

In the US, > 95% of criminal cases are resolved using plea bargains.

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Maybe the ability of prosecutors to threaten defendants with a crime that carries a large minimum sentence → defendants pleading guilty to lesser crimes.

Does the passage of mandatory minimum legislation make defendants:

- 1. More likely to plead guilty to a crime
- 2. More likely to plead guilty to more serious crimes / accept longer sentences.

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Test:

 Do defendants under threat of mandatory minimums accept more punitive deals.

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Difference in Difference Design:

- · Difference 1: Pre-to-post 1994
- Difference 2: Whether state has passed mandatory minimum legislation (e.g. California versus non-California).

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- Exclude Washington because also had changes in mandatory minimums in 1995.

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Control for crime rates

Assumptions of Design #1

Absent changes in mandatory minimums, incarceration rates in Western US states would have had parallel trajectories.

Empirically Testable

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Empirically Testable

(If control for crime rates: need parallel trends *after* controlling for crime rates).

Figure 1: If Increase Incarceration

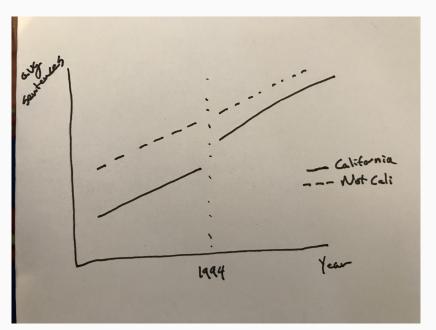
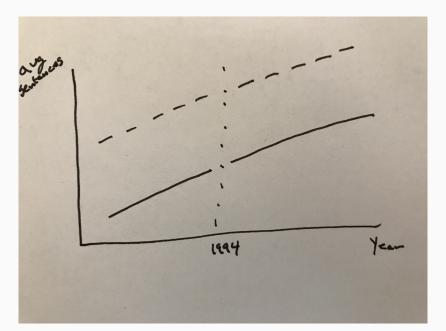


Figure 2: If Doesn't Increase Incarceration



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Generalized Difference-in-Difference:

- Compare states before and after passage of mandatory minimums,
- Controlling for common time trends.

Sample:

· All US states.

For state s in year t:

PleaBargains
$$_{s,t} = \alpha + \beta_1$$
MandatoryMinimums $_{s,t} + \beta_2$ crime $_{s,t} + \psi_t + \gamma_s + \epsilon_{s,t}$

Where:

- ψ_t are annual fixed effects
- $\gamma_{\rm S}$ are state fixed effects
- \cdot crime_{s,t} is crime rate in given state-year

Assumptions if Design #2

Absent mandatory minimum legislation, all states would have parallel trends in incarceration.

Data

- Mandatory minimum legislation: in each state must be documented by searching news sources.
- Plea Bargain Sentences information comes from National Corrections Reporting Program
- **Crime rates:** data comes from Uniform Crime Reporting database

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Does mandatory minimum legislation → more punitive sentences?

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- Compare average sentences before and after passage of mandatory minimum legislation
- Simple design: Western states before and after 1994 (Cali /not-Cali)
- Generalized design: All US states, with timing of mandatory minimums varying by state

(Controlling for crime rates)