

# The Policing of the “Reserve Army”

## Economic Inequality and Police Killings

Matthew A. Carson

May 21, 2024

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2024-05-20

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Economic Inequality and Police Killings

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1. Welcome to the talk!

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# Research Question

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↳ How does class, economic inequality, and gentrification contribute to the incidence of police killings in the US?

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# Research Question

- How does class, economic inequality, and gentrification contribute to the incidence of police killings in the US?
  - There are sharp racial disparities.
  - But what are the economic dimensions?

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# Research Design: Data Sources

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- US Census American Community Survey
  - Median Family Income in tracts
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  - Condensed into three typologies
    - Low-Income or At-Risk
    - Gentrifying
    - Stable

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### Research Question and Design

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# Research Design: Definitions

- Lethal Use of Force (LUOF)
  - Include
    - tasered, gunshot, stabbed, asphyxiated/restrained, beaten/bludgeoned with an instrument, chemical agent/pepper spray, asphyxiation/restrained, or less than lethal force.
  - Exclude
    - vehicle, fell from a height, drowned, medical emergency, other, burned/smoke inhalation, drug overdose, and undetermined.

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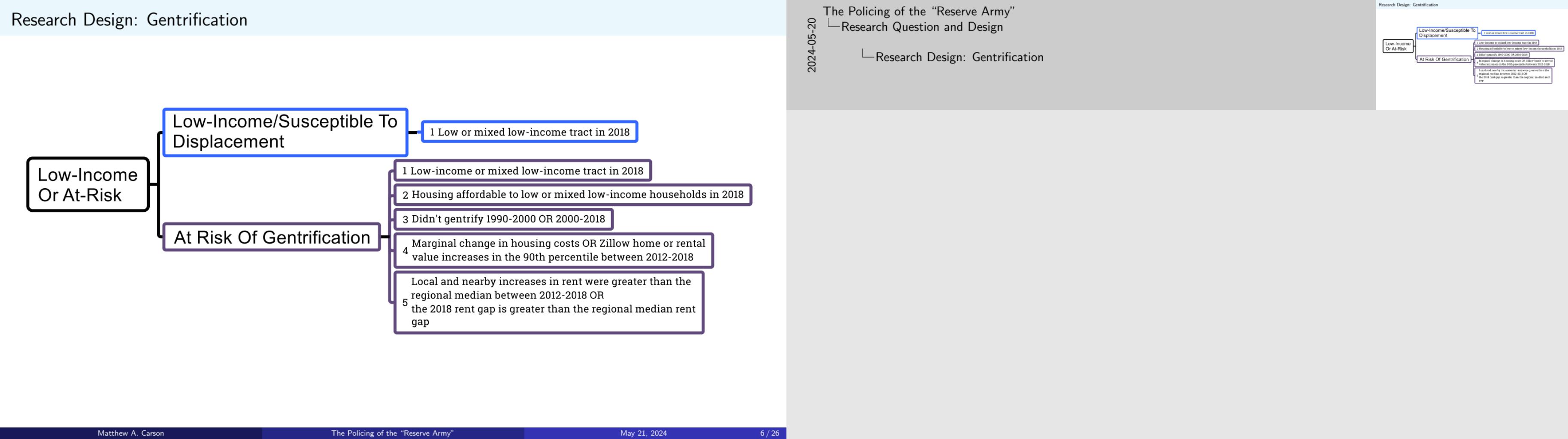
Research Design: Definitions

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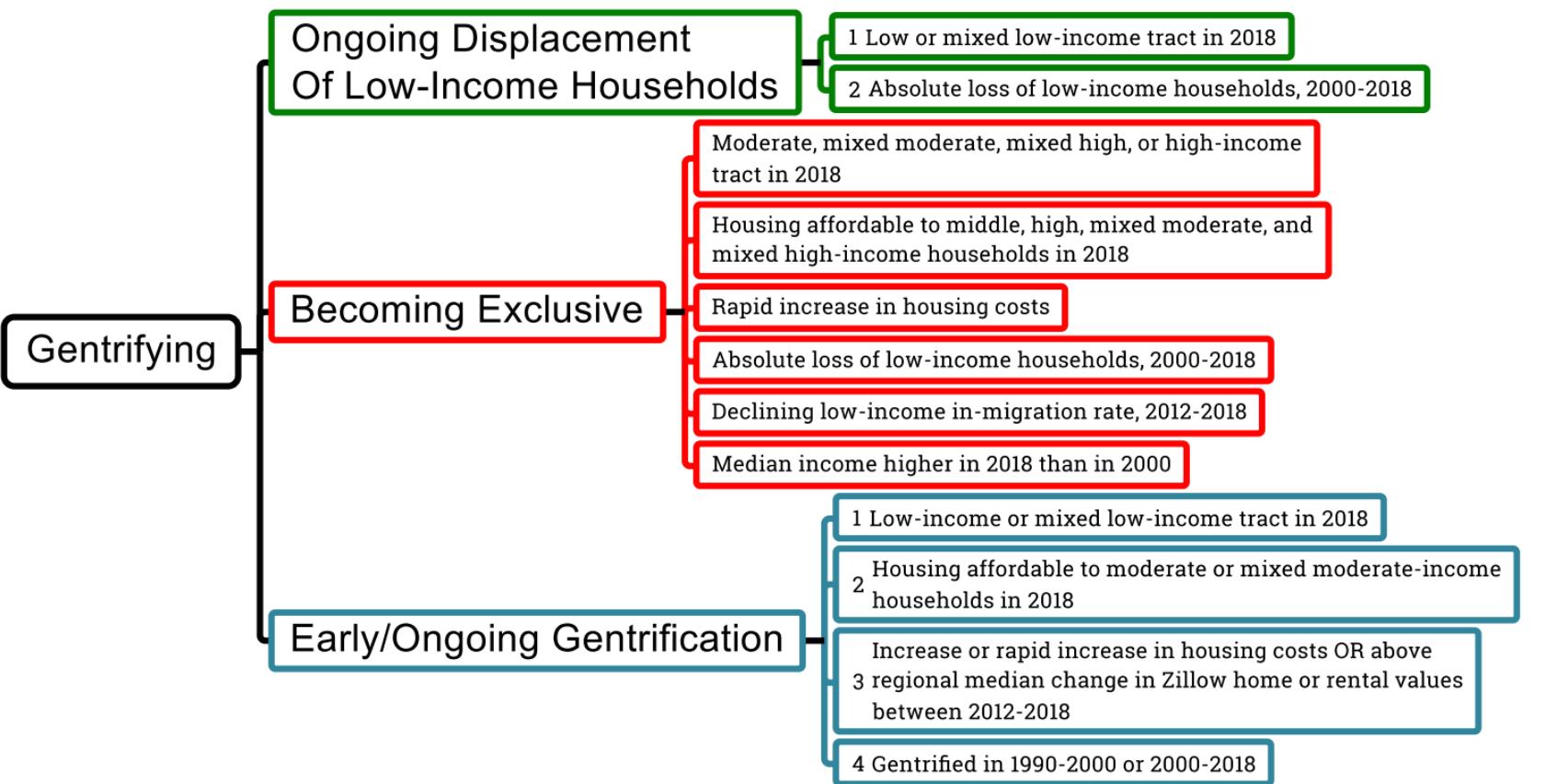
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## Research Design: Gentrification

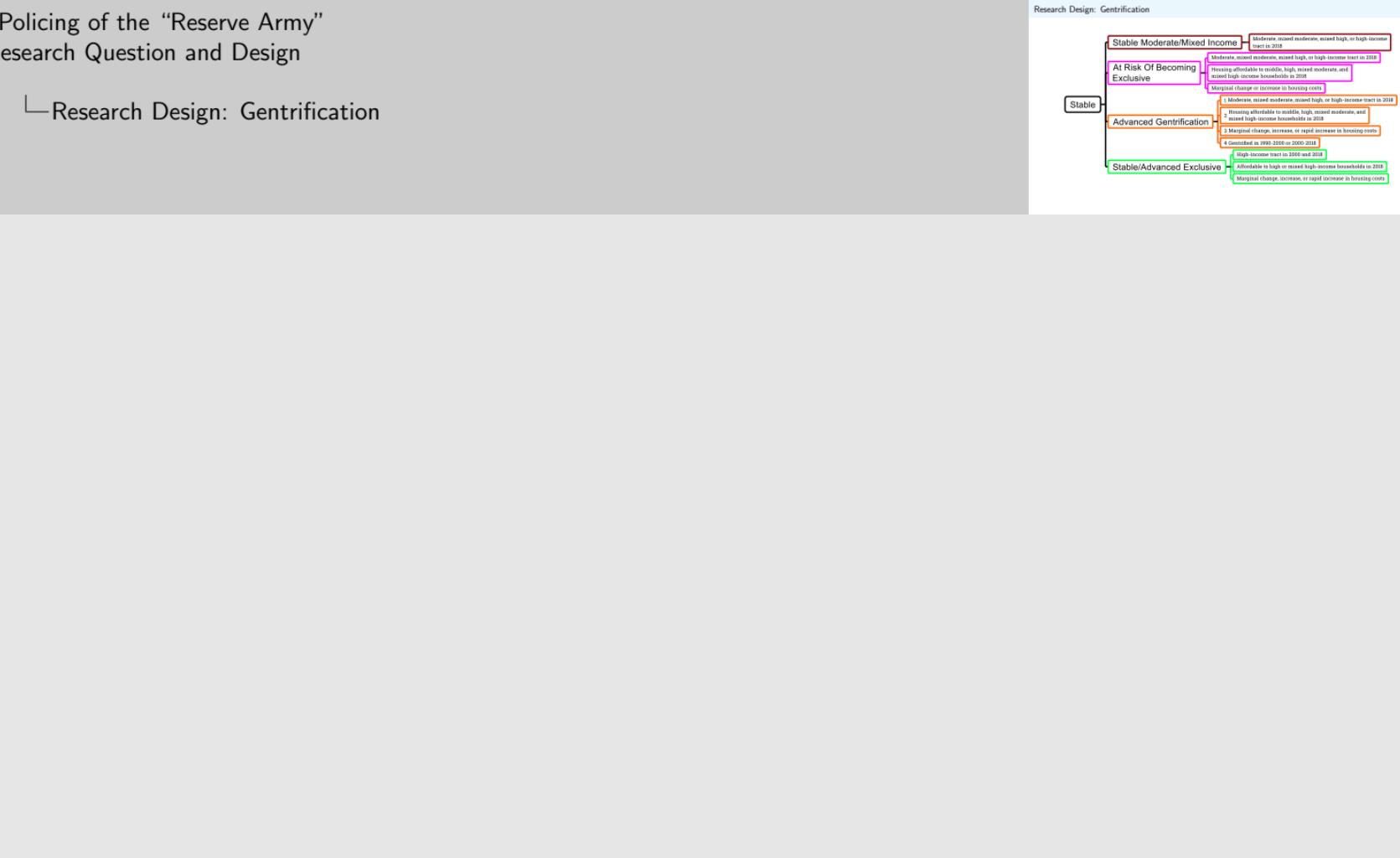
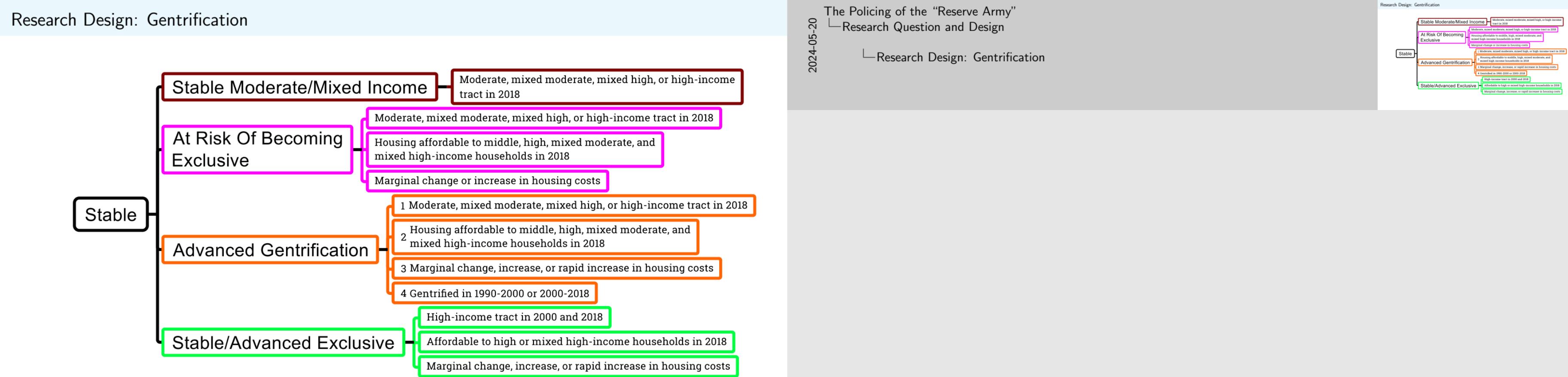


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## The Policing of the “Reserve Army” —Research Question and Design

## Research Design: Gentrification





## Research Design: Hypotheses

H<sub>1</sub>: LUOF rates should vary more substantially by income quintiles within each racial group than by racial groups within each income quintile. The lowest income quintiles should have the highest LUOF rates.

H<sub>2</sub>: Tracts experiencing gentrification or vulnerable to becoming gentrified should experience higher rates of LUOF than higher-income tracts that have experienced no gentrification, regardless of the racial composition of the tract. That is, there should be more variation within each racial group by gentrification typology than there is within each gentrification typology by majority race.

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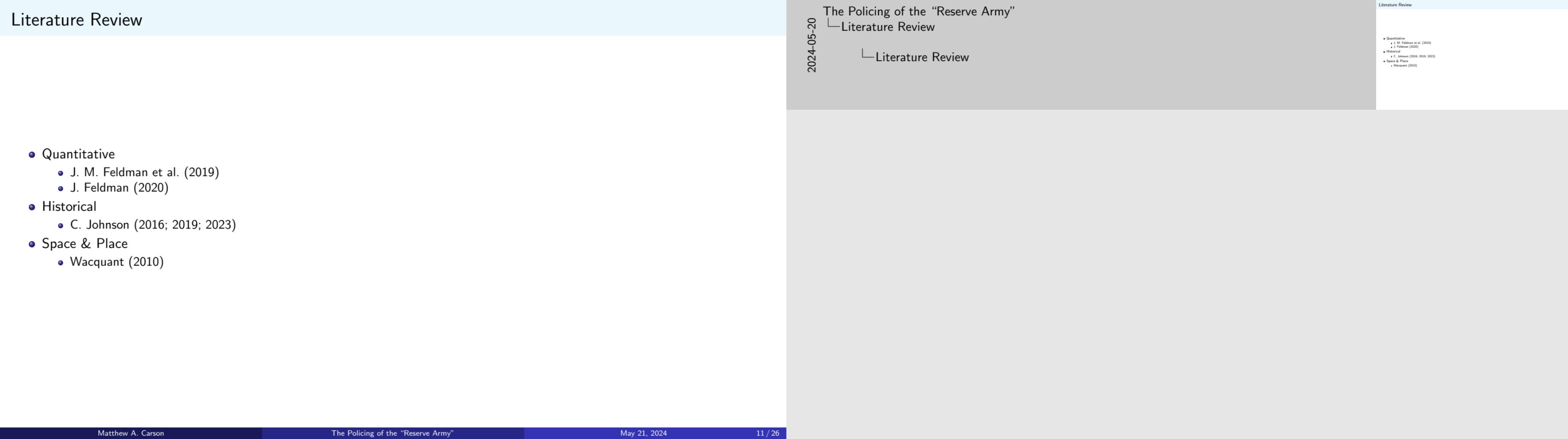
- Quantitative
  - J. M. Feldman et al. (2019)
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## Literature Review

- Quantitative
    - J. M. Feldman et al. (2019)
    - J. Feldman (2020)
  - Historical
    - C. Johnson (2016; 2019; 2023)

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## Literature Review



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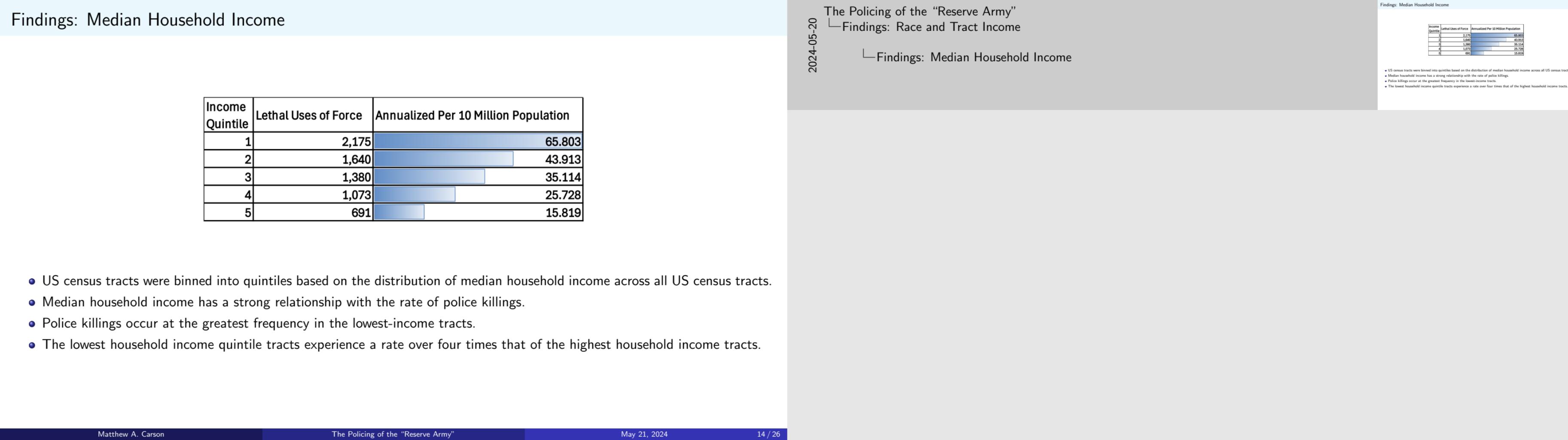
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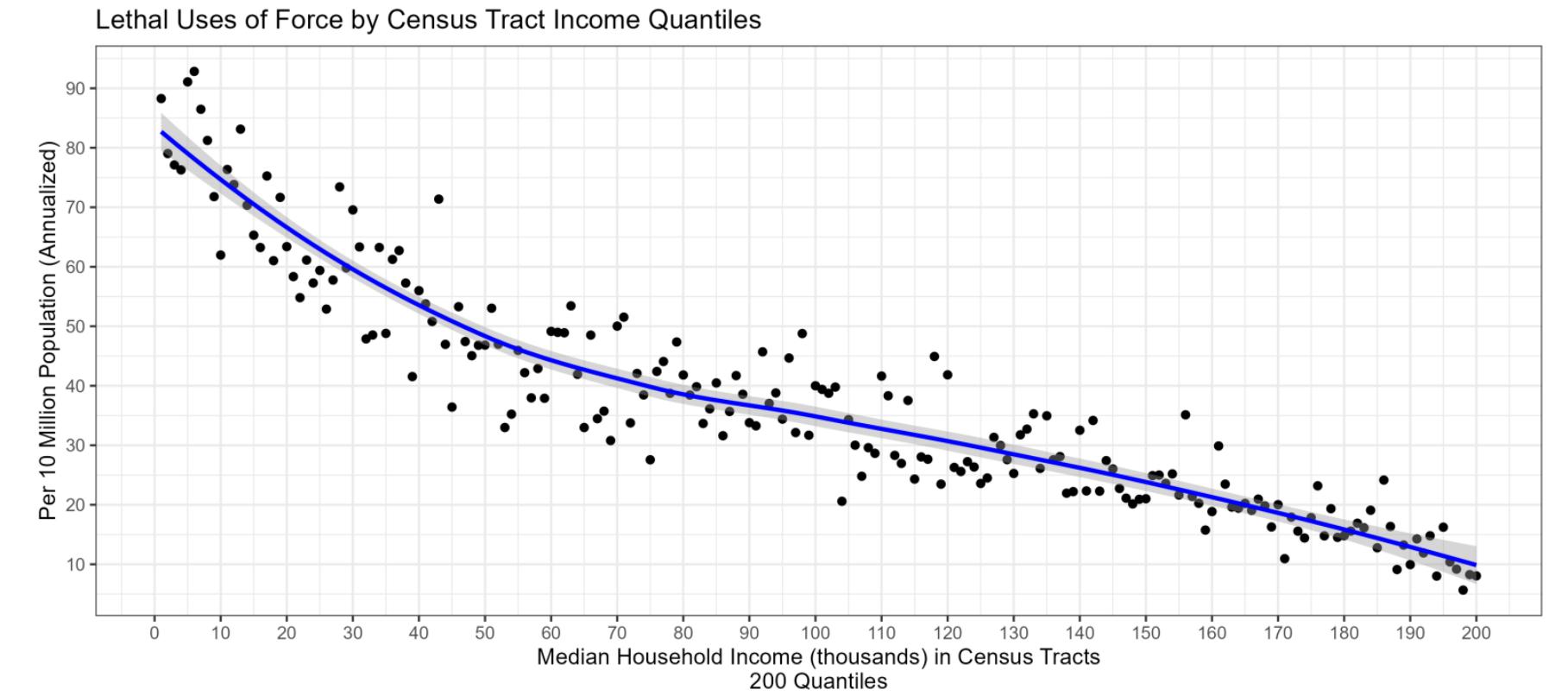


Majority	Lethal Uses of Force	Annualized Per 10 Million Population
Black	756	58.532
Hispanic/Latino	1,113	52.192
White	3,848	29.668

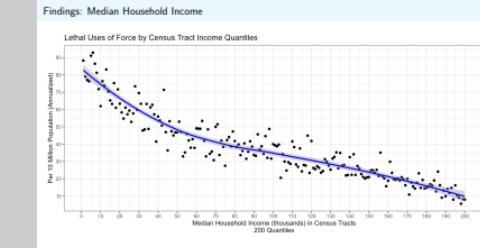
- Majority-black neighborhoods experience a rate nearly twice that of majority-white neighborhoods.
- Majority-Hispanic/Latino neighborhoods experience a rate 1.75 times greater than majority-white neighborhoods.

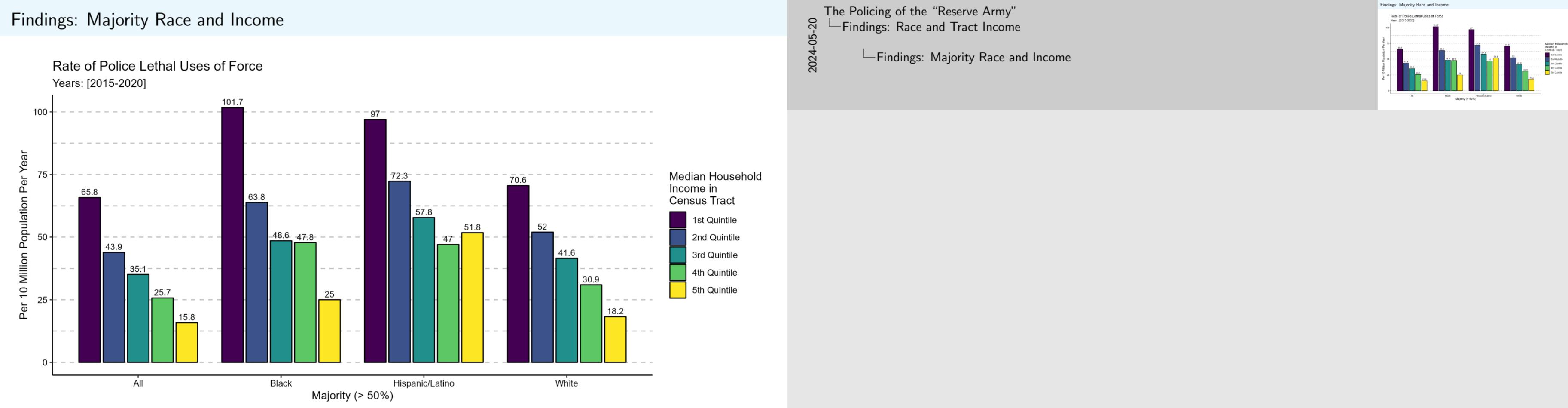


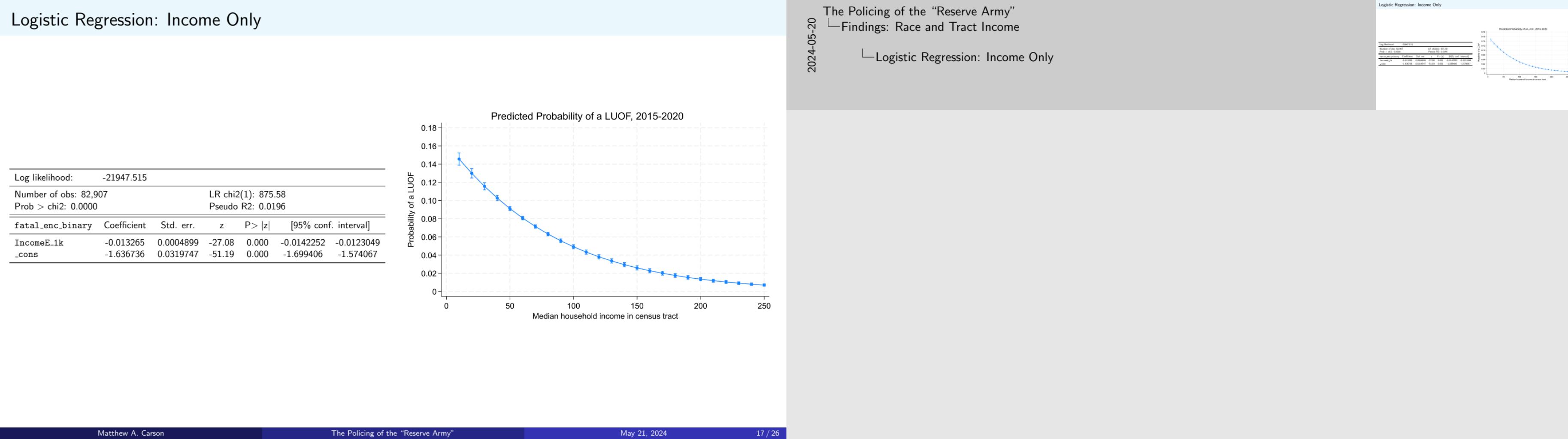
## Findings: Median Household Income

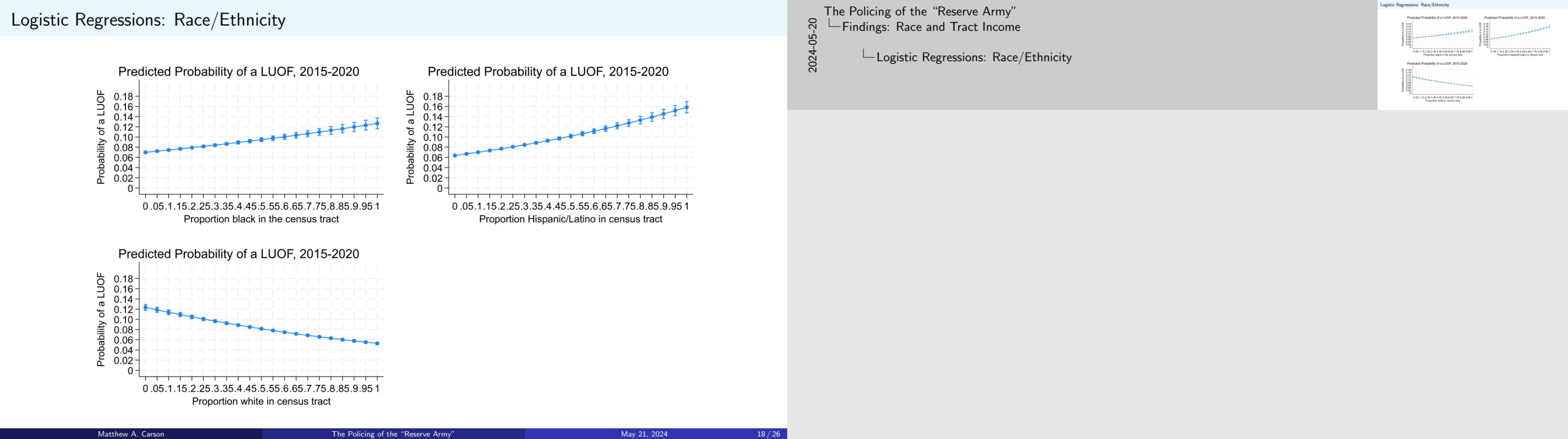


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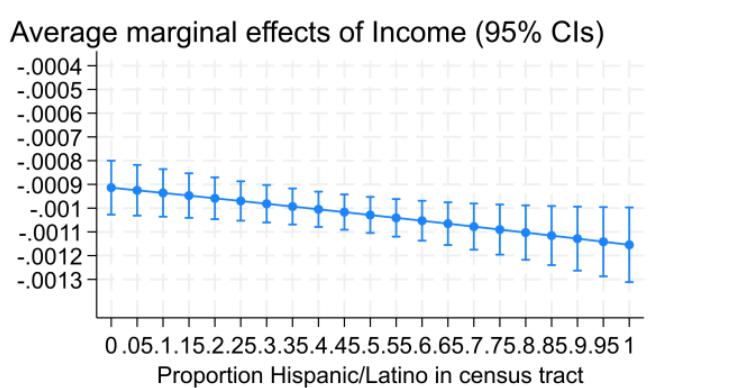
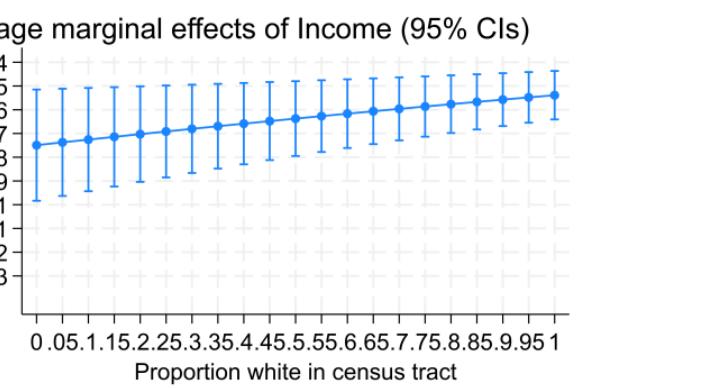
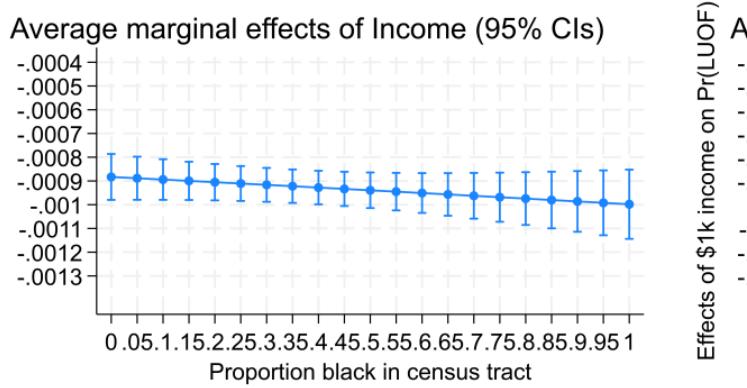








## Logistic Regressions: Marginal Effects



## Policing of the “Reserve Army” Findings: Race and Tract Income

## └ Logistic Regressions: Marginal Effects

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