

The Policing of the “Reserve Army”

Economic Inequality and Police Killings

Matthew A. Carson

May 21, 2024

The Policing of the “Reserve Army”

2024-05-21

1. Welcome to the talk!

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Research Question and Design

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Research Question and Design

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Research Question

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↳ Research Question

• 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 Question and Design

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- US Census American Community Survey
 - Median Family Income in tracts
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Research Design: Data Sources

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 - Condensed into three typologies
 - Low-Income or At-Risk
 - Gentrifying
 - Stable

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└ Research Design: Data Sources

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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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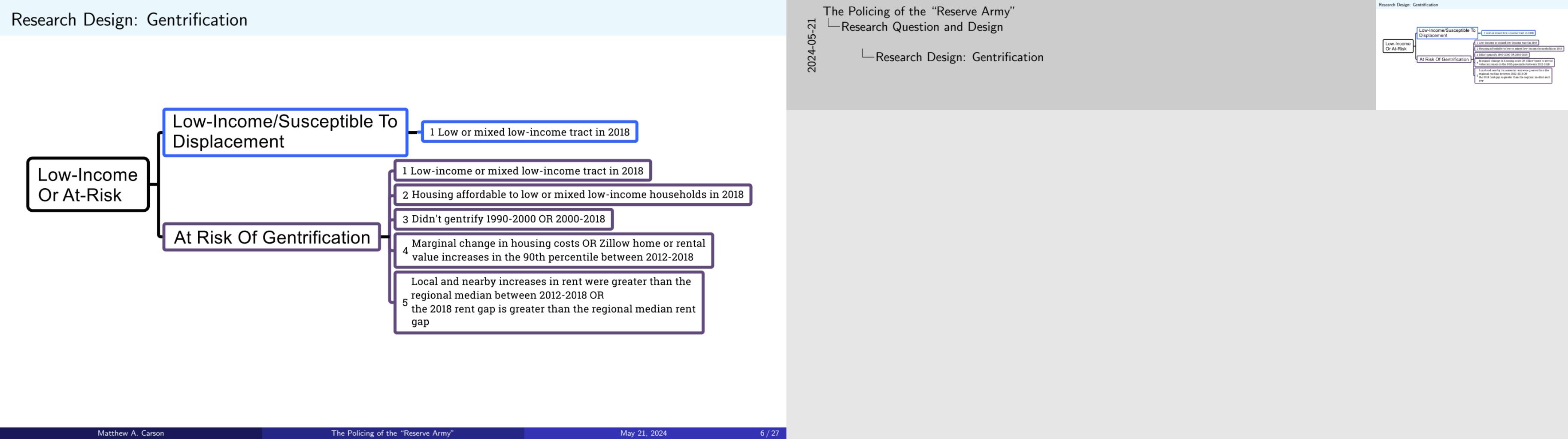
Research Design: Definitions

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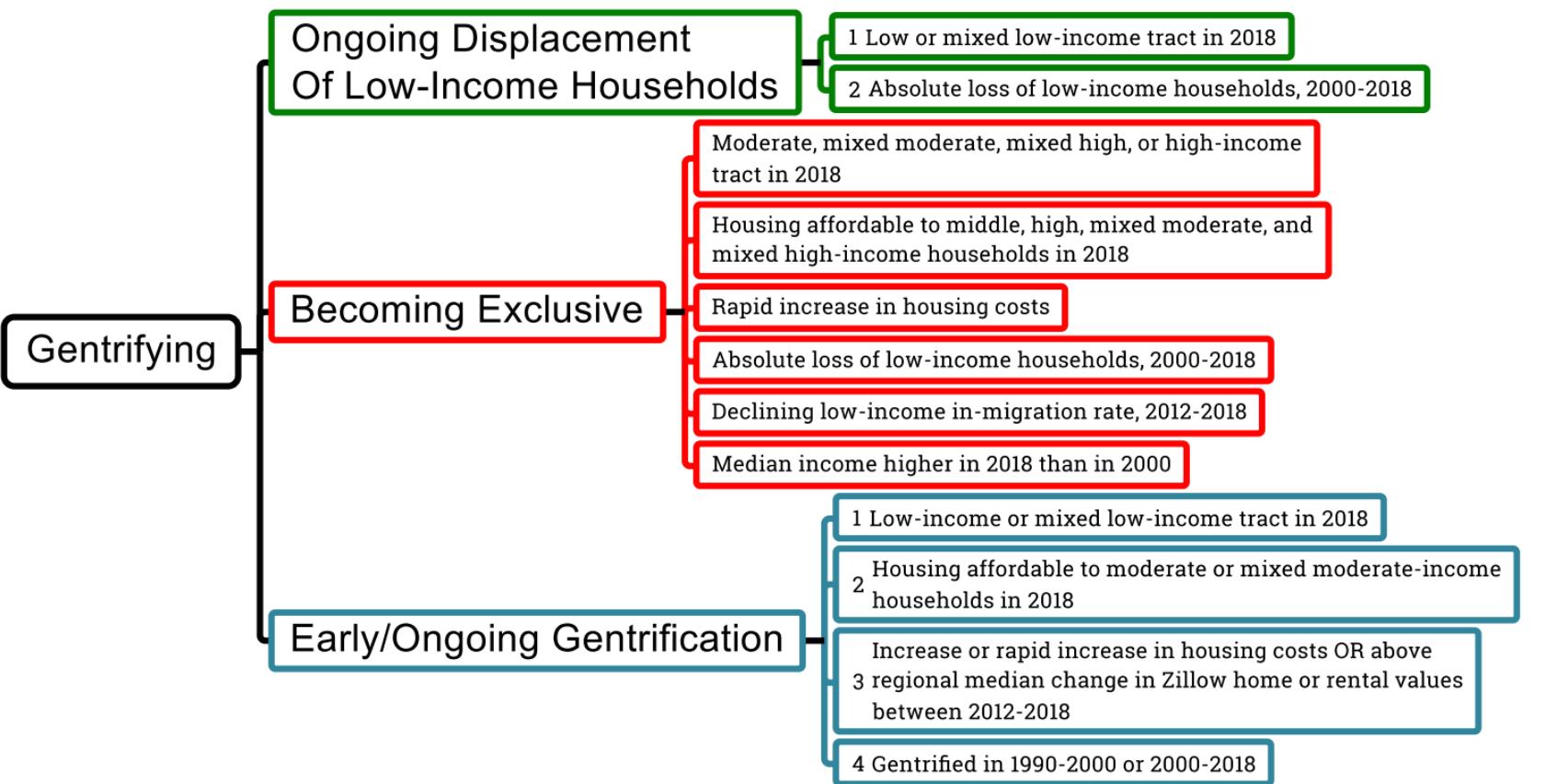
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Research Design: Gentrification

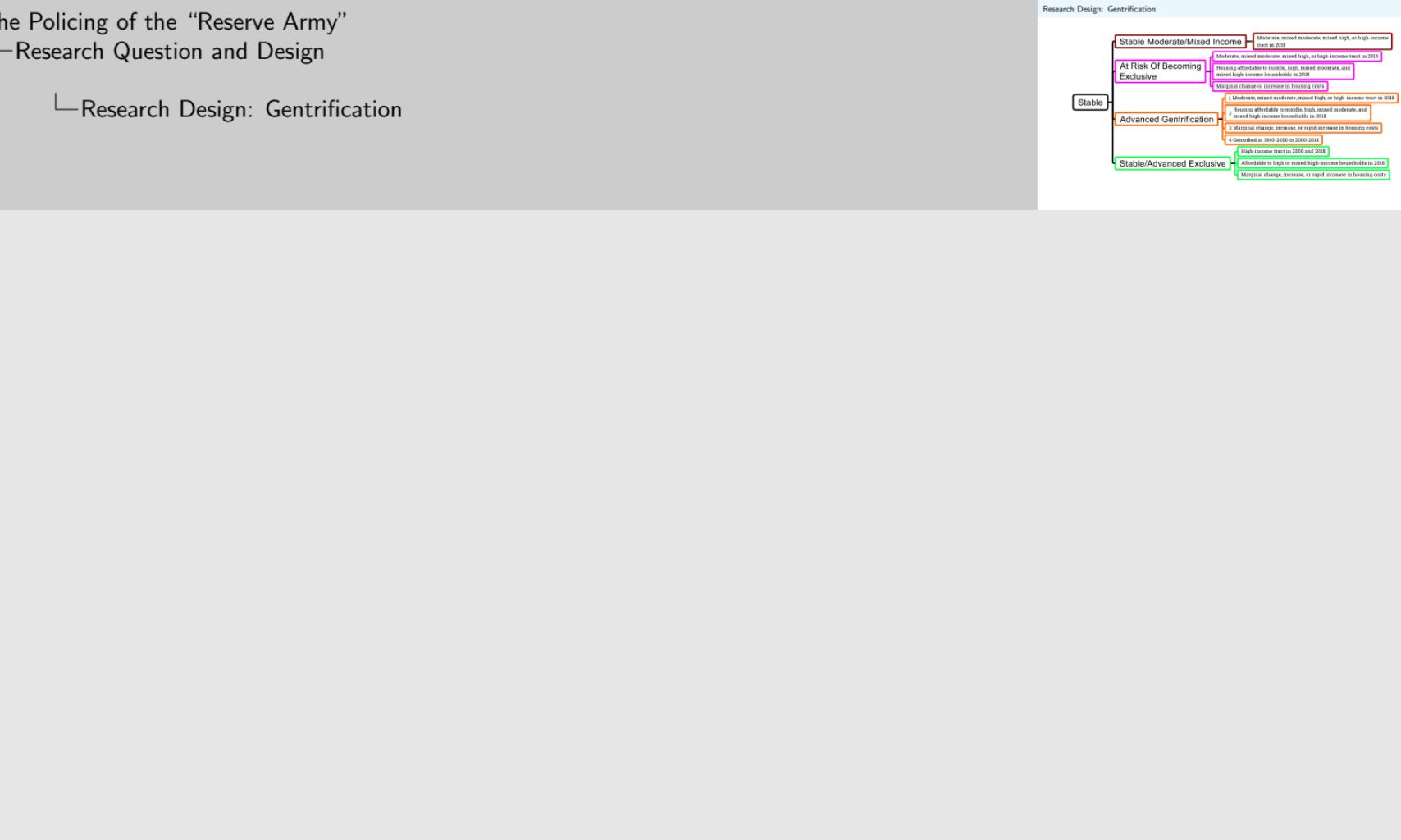
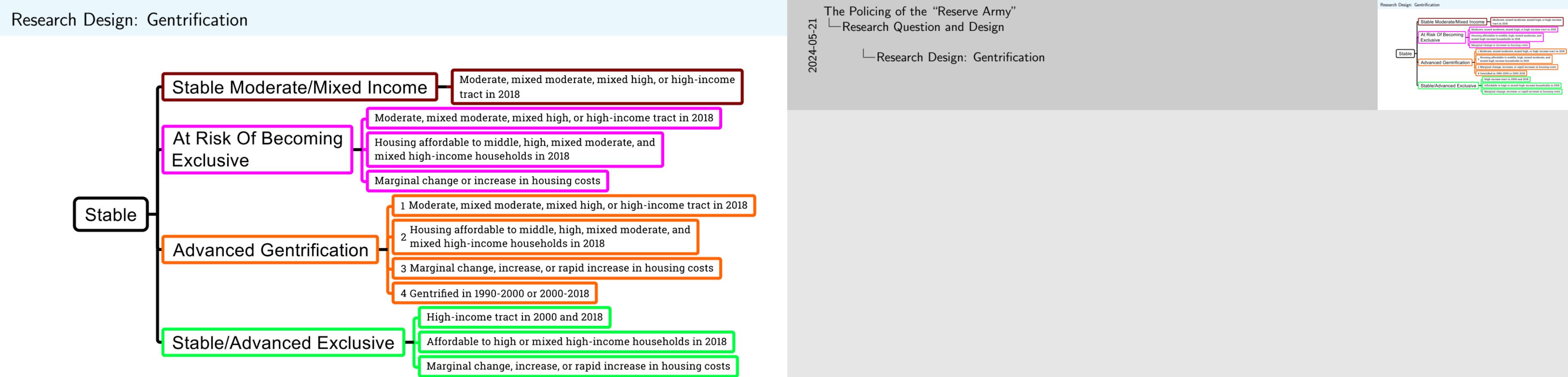


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The Policing of the “Reserve Army”
—Research Question and Design

└ Research Design: Gentrification





Research Design: Hypotheses

Hypotheses

H₁: 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.

H₂: 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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Research Question and Design

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Literature Review

Quantitative

- J. M. Feldman et al. (2019)
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- Quantitative

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historical

 - C. Johnson (2016; 2019; 2023)

“Reserve Army”

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Review

Review



- Quantitative
 - J. M. Feldman et al. (2019)
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- Historical
 - C. Johnson (2016; 2019; 2023)
- Space & Place
 - Wacquant (2010)

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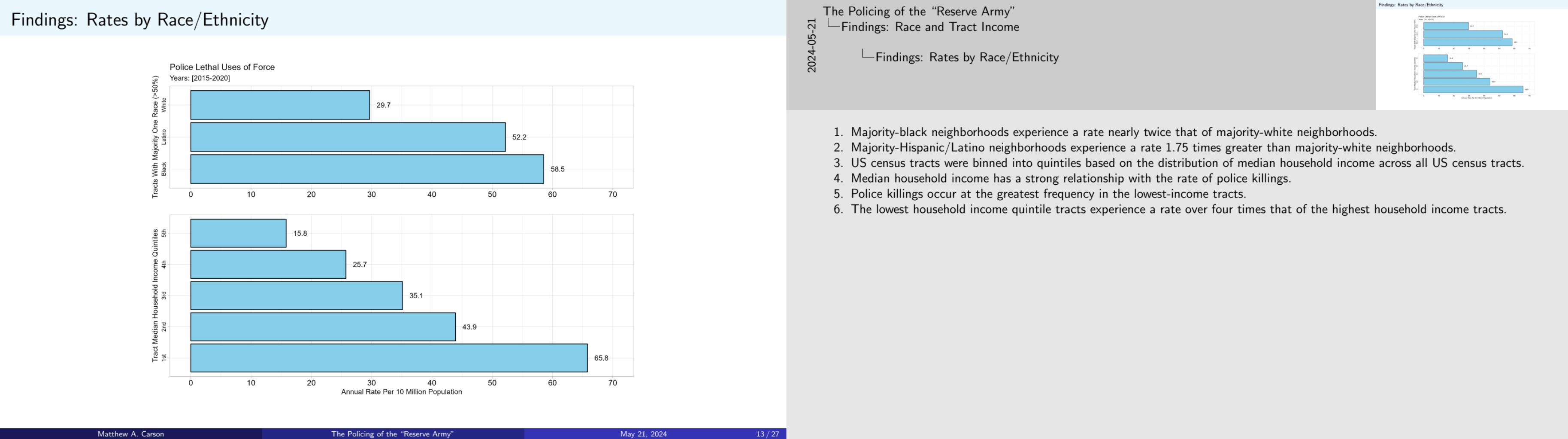
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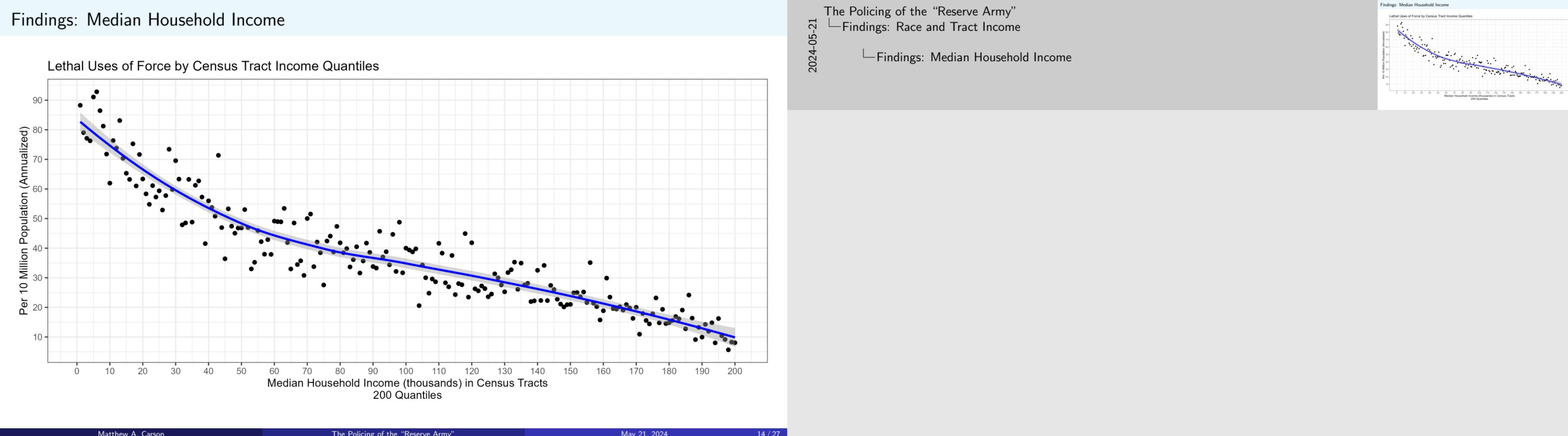
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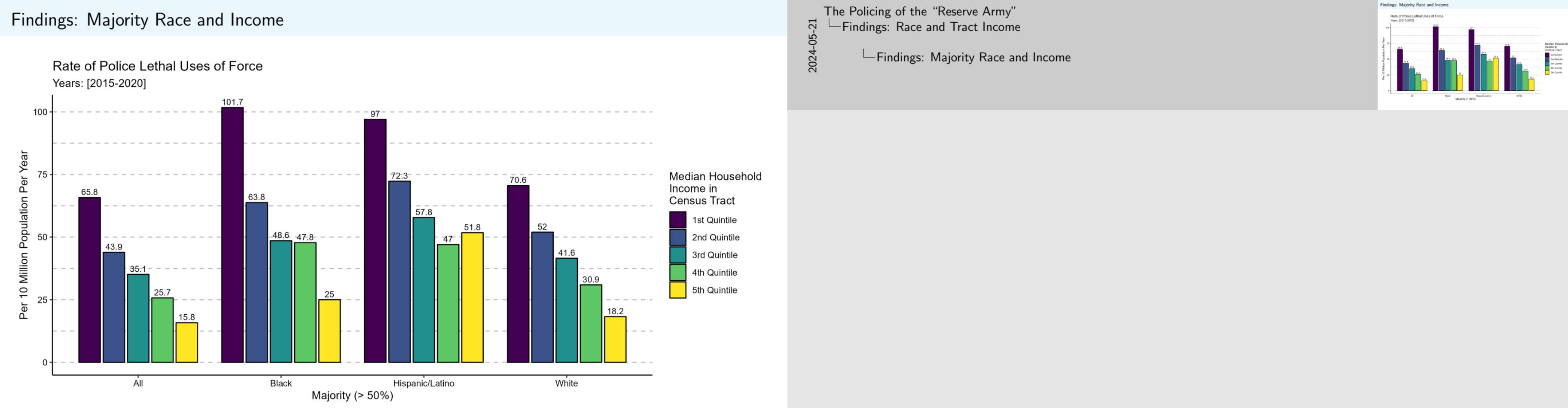
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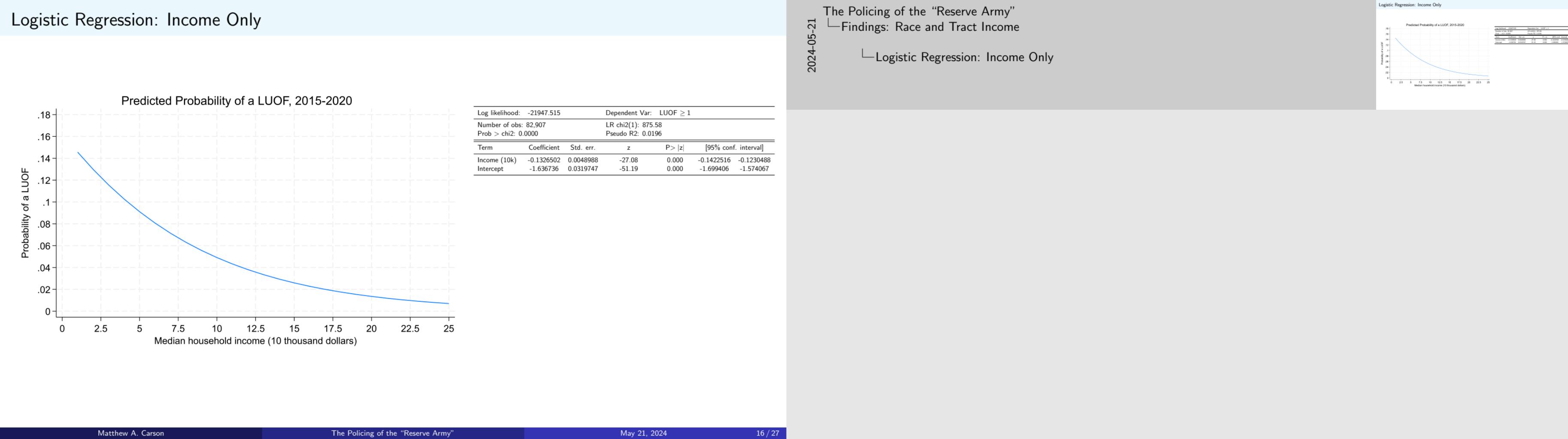
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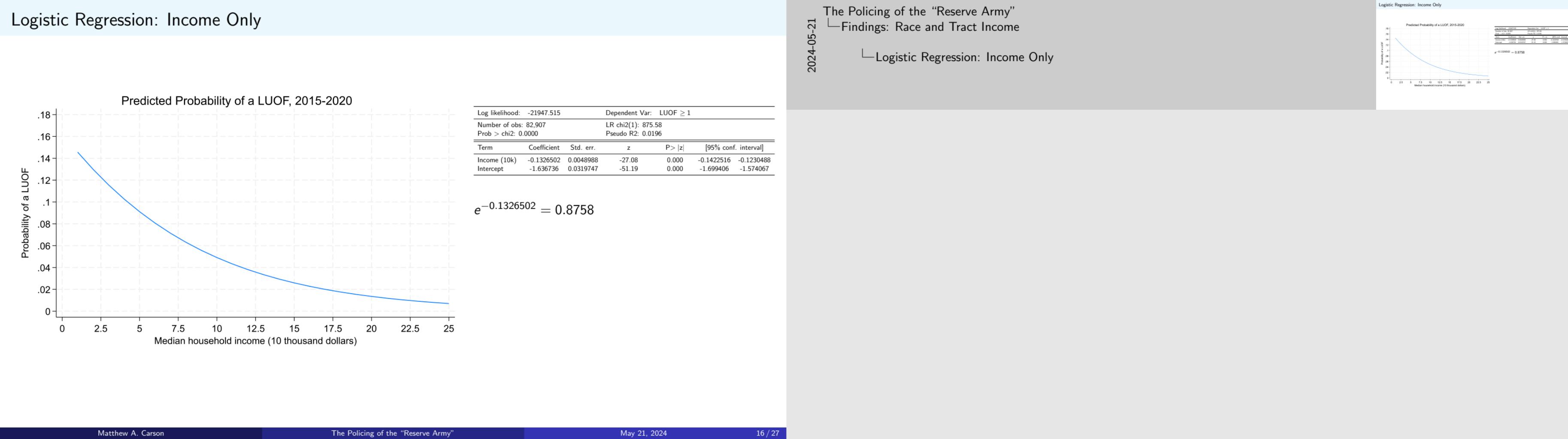
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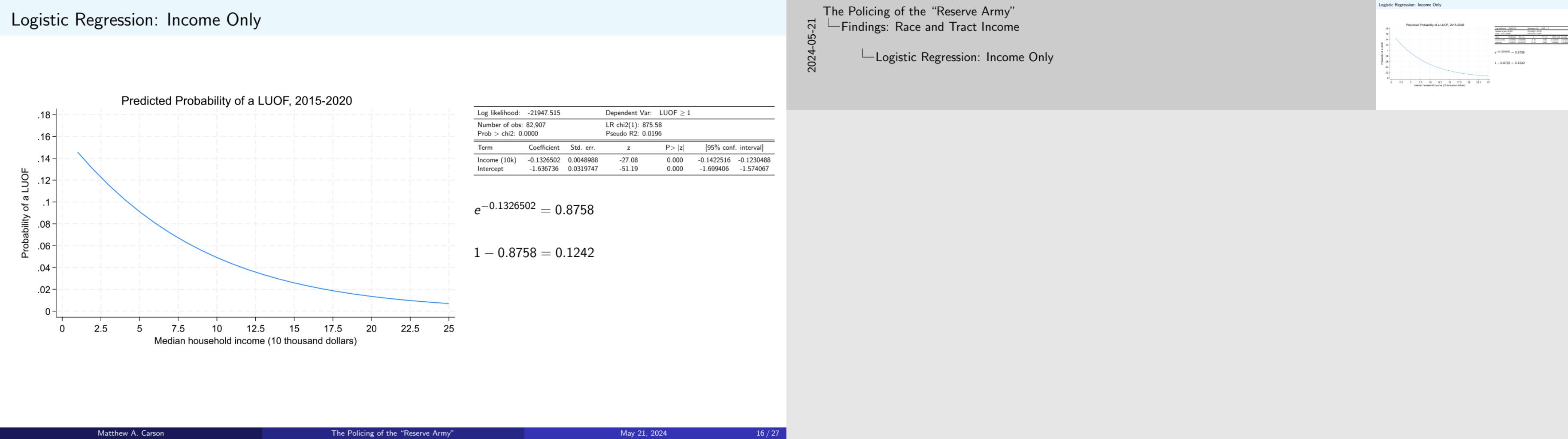




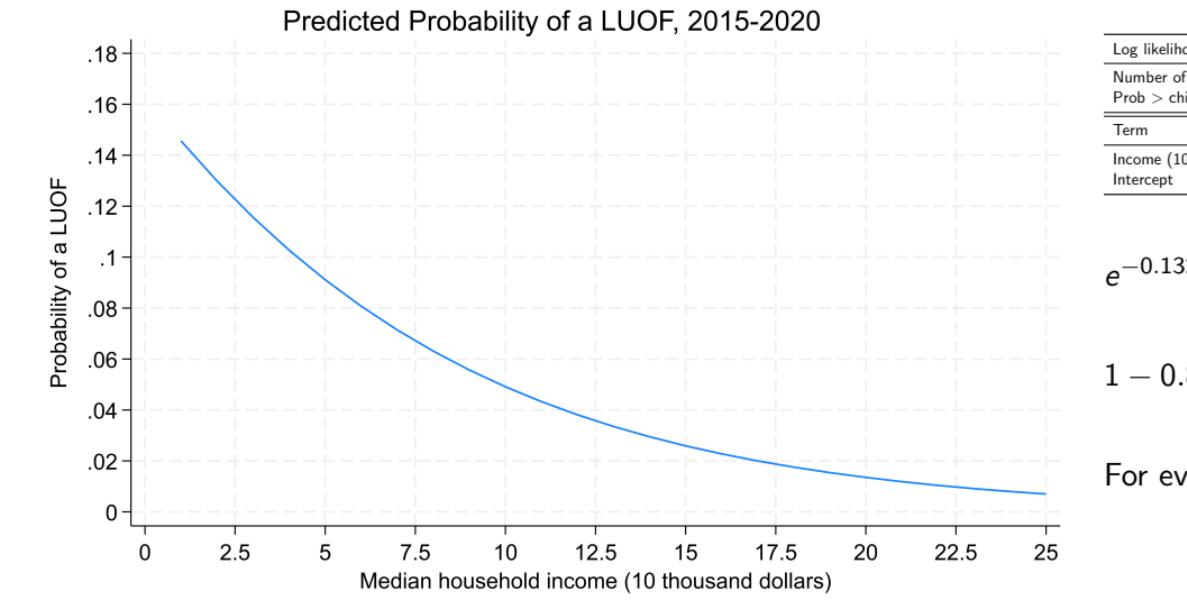








Logistic Regression: Income Only



-21947.515	Dependent Var:	LUOF ≥ 1		
32,907	LR chi2(1):	875.58		
0.000	Pseudo R2:	0.0196		
Coefficient	Std. err.	z	P> z	[95% conf. interval]
-0.1326502	0.0048988	-27.08	0.000	-0.1422516 -0.1230488
-1.636736	0.0319747	-51.19	0.000	-1.699406 -1.574067

$$0^2 = 0.8758$$

$$68 = 0.1242$$

\$10k in income

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

└ Logistic Regression: Income Only

Predicted Probability of a LUOF, 2015-2020

Probability of LUOF

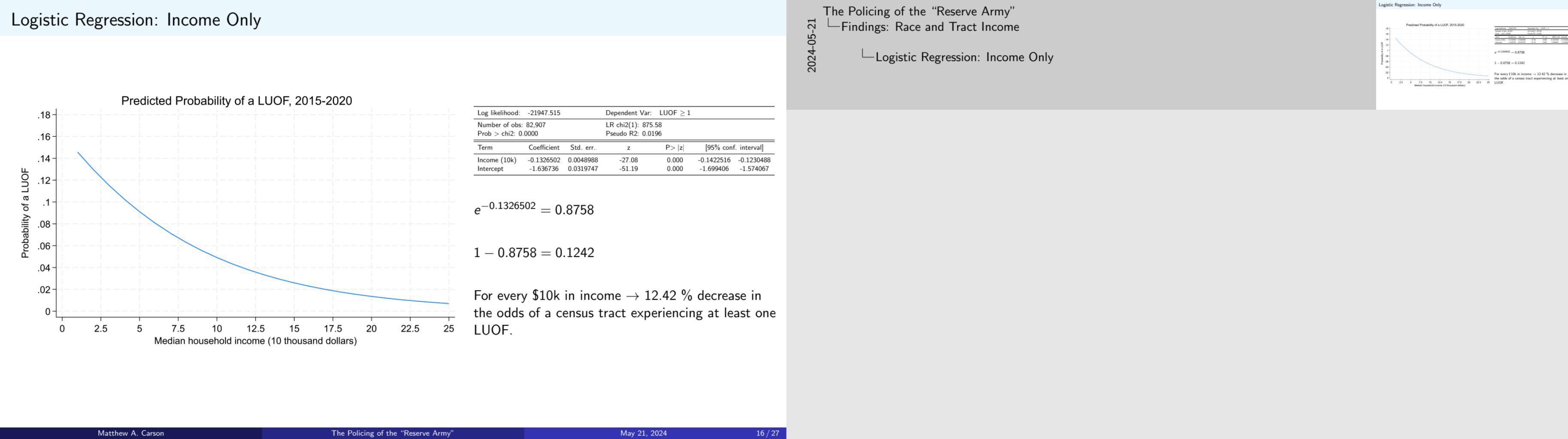
Median household income (\$ thousand)

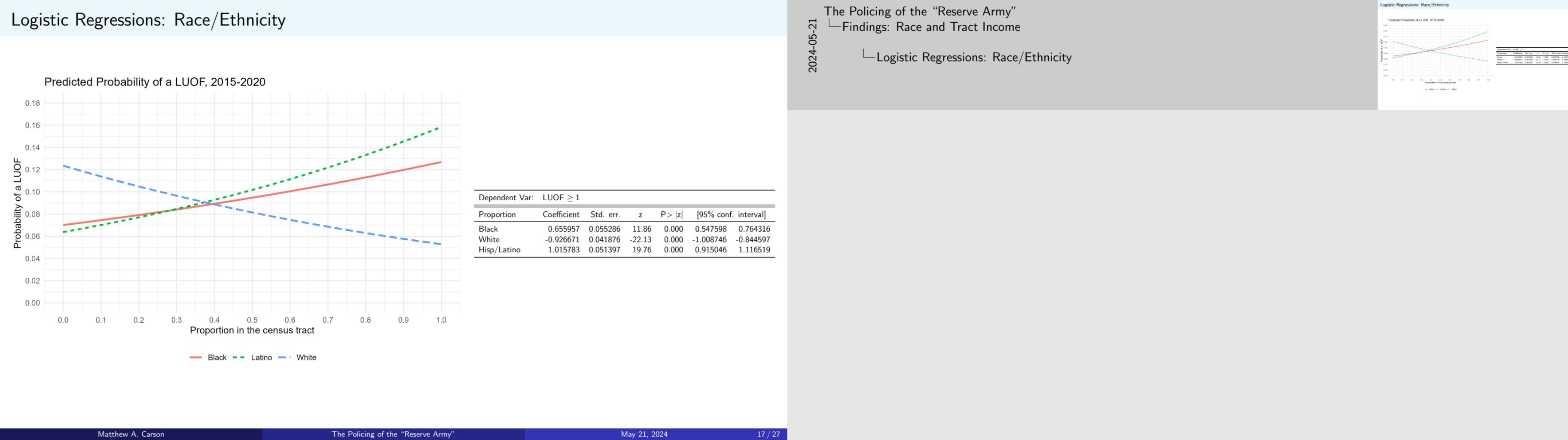
Median household income (\$ thousand)	Probability of LUOF
0	0.875
2.5	0.75
5	0.65
7.5	0.58
10	0.52
12.5	0.47
15	0.42
17.5	0.38
20	0.34
22.5	0.31
25	0.28

Legend: Predicted (LUOF_2015)

Probability of LUOF = 0.1242

For every \$10k in income





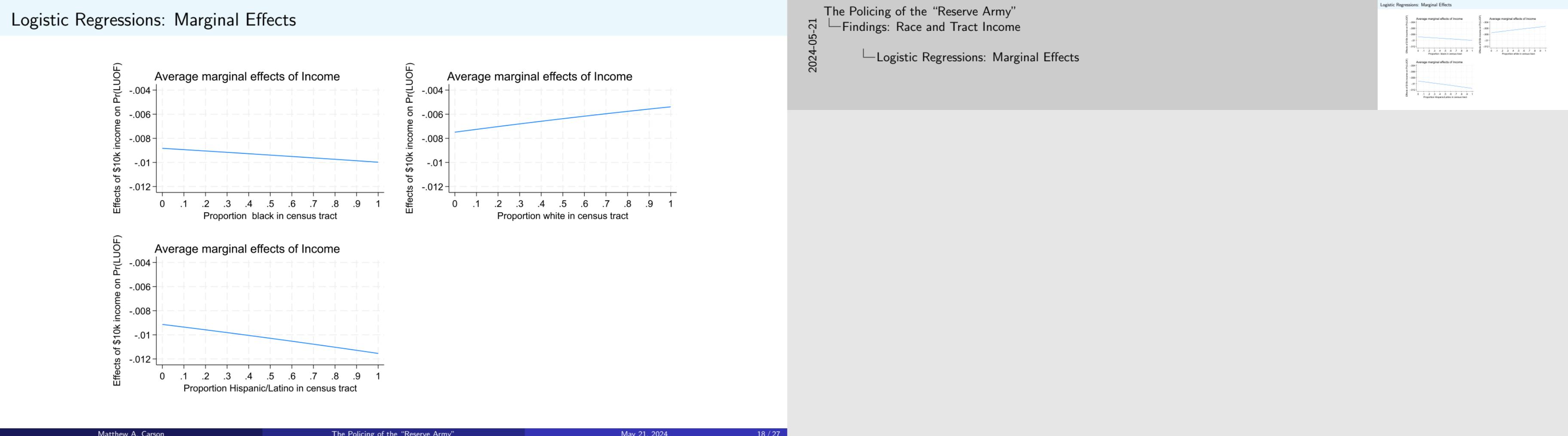


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Findings: Discussion

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The Policing of the “Reserve Army”

Discussion

Findings: Discussion

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Limitations and Future Research

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The Policing of the “Reserve Army”

Discussion

Limitations and Future Research

Text goes here...

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Dependent Var: LUOF \geq 1						
Proportion	Coefficient	Std. err.	z	P> z	[95% conf. interval]	
Black	0.655957	0.055286	11.86	0.000	0.547598	0.764316
White	-0.926671	0.041876	-22.13	0.000	-1.008746	-0.844597
Hisp/Latino	1.015783	0.051397	19.76	0.000	0.915046	1.116519

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Bibliography

- Feldman, Justin (June 23, 2020). "Police Killings in the US: Inequalities by Race/Ethnicity and Socioeconomic Position". In: *People's Policy Project*. URL:
<https://www.peoplespolicyproject.org/project/class-and-racial-inequalities-in-police-killings/>.
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<https://ajph.aphapublications.org/doi/10.2105/AJPH.2018.304851>.
- Johnson, Cedric (2016). "Afterword: Baltimore, The Policing Crisis, and the End of the Obama Era". In: *Urban Policy in the Time of Obama*. Ed. by James DeFilippi. University of Minnesota Press, pp. 302–322. ISBN: 978-0-8166-9659-8. JSTOR:
10.5749/j.ctt1gpcc5p.23. URL: <http://www.jstor.org/stable/10.5749/j.ctt1gpcc5p.23>.
- — (2019). "Trumpism, Policing, and the Problem of Surplus Population". In: *Labor in the Time of Trump*. Ed. by Jasmine Kerrissey et al. Cornell University Press, pp. 169–188. ISBN: 978-1-5017-4662-8. URL:
https://muse.jhu.edu/pub/255/edited_volume/chapter/2470411.
- Johnson, Cedric G (Mar. 2023). *After Black Lives Matter: Policing and Anti-Capitalist Struggle*. London, England: Verso Books. 460 pp.
URL: https://www.google.com/books/edition/After_Black_Lives_Matter/0bWtEAAQBAJ.
- UDP (Mar. 10, 2023). *Displacement and Gentrification Typologies*. The Urban Displacement Project @ UC Berkeley. URL:
<https://github.com/urban-displacement/displacement-typologies>.
- Wacquant, Loïc (2010). "Class, Race & Hyperincarceration in Revanchist America". In: *Daedalus* 139.3, pp. 74–90. JSTOR: 20749843.
URL: <https://www.jstor.org/stable/20749843>.

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