

Kyle Butts

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✉ kyle.butts@colorado.edu
🌐 kylebutts.com
🔗 github.com/kylebutts
in [linkedin.com/in/kylebutts](https://www.linkedin.com/in/kylebutts)
☎ (860) 248-5420

University of Colorado: Boulder
Department of Economics
256 UCB
Boulder, CO 80309

EDUCATION

Ph.D., Economics, University of Colorado: Boulder (Expected)	May 2024
Masters, Economics, University of Colorado: Boulder	May 2021
B.S., Mathematics, University of California: Santa Barbara	May 2017

JOB MARKET PAPER

1. Dynamic Treatment Effect Estimation with Interactive Fixed Effects and Short Panels (with [Nicholas Brown](#))
Revisions Requested at Journal of Econometrics
[\[Paper\]](#) [\[Slides\]](#) [\[5-minute Summary\]](#)

This paper considers a general identification strategy of average treatment effect parameters in panel data settings under a linear factor model allowing for staggered treatment adoption, treatment effect heterogeneity, and a fixed number of time periods. Our model nests the classic two-way fixed effect model while allowing for selection into treatment based on common-contemporaneous shocks. We provide a unifying result for identification of imputation-based estimators under a factor model. We propose a particular estimator, establish asymptotic properties, and provide statistical tests for the sufficiency of the two-way fixed effect model.

PUBLICATIONS

1. Difference-in-Differences with Geocoded Microdata
Journal of Urban Economics: Insights, vol. 133, 2023.
[\[Paper\]](#) [\[Slides\]](#) [\[5-minute Summary\]](#)
2. Government Contracting, Labor Intensity, and the Local Effects of Fiscal Consolidation: Evidence from the Budget Control Act of 2011 (with [Timothy Komarek](#) and [Gary A. Wagner](#))
Journal of Urban Economics, vol. 132, 2022.
[\[Paper\]](#) [\[5-minute Summary\]](#)
3. did2s: Two-Stage Difference-in-Differences
R Journal, vol. 14/3, 2022.
[\[Paper\]](#) [\[R Package\]](#) [\[Stata Package\]](#)
4. Geographic Difference-in-Discontinuities
Applied Economics Letters, vol. 30, 2021.
[\[Paper\]](#) [\[5-minute Summary\]](#)

WORKING PAPERS

1. Urban Wage Premium: 1940-2010 (with [Taylor Jaworski](#) and [Carl Kitchens](#))
[Paper]
2. Simple Difference-in-Differences Estimation in Fixed-T Panels (with [Nicholas Brown](#) and [Joakim Westerlund](#))
[Paper]
3. Difference-in-Differences with Spatial Spillovers
[Paper] [Slides]

WORKS IN PROGRESS

1. Rental Housing Ownership and Quality of Housing: Evidence from New York
2. Zoning, Housing Supply, and Distributional Impacts of Migration: Evidence from Massachusetts (with [Alvin Murphy](#))

PRESENTATIONS

Florida State University; University of West Virginia; Regional, Urban, Spatial and Housing Graduate Student Brownbag	2023
University of Louisiana: Lafayette; University of Rochester HEEL Lab	2022
WEAI Annual Conference	2021

HONORS AND AWARDS

Graduate Award For Public Policy Research, <i>University of Colorado: Boulder</i>	2024
Sieglinde Talbott Haller Endowed Economics Scholarship, <i>University of Colorado: Boulder</i>	2023
Graduate School GPTI Teaching Excellence Award, <i>University of Colorado: Boulder</i>	2022
Morris E. Garnsey Fellowship, <i>University of Colorado: Boulder</i>	2021
Leslie Whittington Memorial Fellowship for Excellence in Economics, <i>University of Colorado: Boulder</i>	2021
Prize in Econometrics, <i>University of Colorado: Boulder</i>	2020

TEACHING

Intermediate Microeconomics (University of Colorado: Boulder)	2022
Natural Resource Economics (University of Colorado: Boulder)	2021-2023
Introduction to Probability and Statistics (University of Colorado: Boulder)	2020-2021

RESEARCH AND TEACHING FIELDS

Primary: Urban Economics, Applied Econometrics

Secondary: Housing, Empirical IO, Environmental

PROFESSIONAL SERVICES

Organizer, [Regional, Urban, Spatial and Housing Graduate Student Brownbag](#) 2023-present
Organizer, CU Boulder Graduate Student Research Seminar 2020-present
Referee reports for Journal of Law and Economics (2x), Journal of the Association of Environmental and Resource Economists, Empirical Economics (2x), and Biometrics

REFERENCES

Taylor Jawroski, PhD (advisor)

Department of Economics
University of Colorado Boulder
256 UCB
Boulder, CO 80309
Email: taylor.jawroski@colorado.edu

Brian Cadena, PhD (committee member)

Department of Economics
University of Colorado Boulder
256 UCB
Boulder, CO 80309
Email: brian.cadena@colorado.edu

Adam McCloskey, PhD (committee member)

Department of Economics
University of Colorado Boulder
256 UCB
Boulder, CO 80309
Email: adam.mccloskey@colorado.edu