

Chase Coleman
University of Kentucky
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EDUCATION

Ph.D. Economics, University of Kentucky, 2023
M.S. Economics, University of Kentucky 2019
B.A. Mathematics, Economics and French, Transylvania University, 2016

FIELDS OF SPECIALIZATION

Primary: Macroeconomics, Monetary Economics, Public Finance

JOB MARKET PAPER

Revisiting the Effect of Monetary Policy on Household Consumption: A Functional Approach

(joint with Ana María Herrera)

Using the functional approach developed by Inoue and Rossi (2021) we revisit the effect of monetary policy shocks on household consumption. Measuring shocks as shifts in the entire term structure of interest rates reveals a heterogeneous response of households to conventional and unconventional policies. We find that consumption by outright owners is more sensitive to unconventional shocks than that of mortgagors and renters. In addition, we show that younger households' consumption is more responsive to shocks that affect medium and long-term interest rates than that of middle-age and older households. Two transmission mechanisms appear to play a key role in explaining heterogeneity in the transmission of unconventional monetary policy: differences in wealth and in the planning horizon of households.

WORK-IN-PROGRESS

1. **Under a SALT Cap: The Effect of Limiting the SALT Deduction on Local Housing Markets**
(joint with Kenneth Tester)
We estimated to which extent state and local taxes (SALT) are capitalized into home value using Zillow's ZTRAX data set. To identify capitalization rates, we use the implementation of SALT caps through the passage of the TCJA to see how a national change in the price of local residence impacted housing markets. Using IRS Statistics of Information data on ZIP code level tax filings, We estimate that about 76 percent of the SALT is capitalized into the sales price. To control for local amenities and housing characteristics, we leverage a repeat sales model, identified through event study and difference-in-difference estimates. Overall, we find evidence that sales prices decline in areas with the greatest exposure to the SALT deduction, and strong evidence of partial capitalization.
2. **Tax Expectations: Revisiting through with Functional Shocks**

WORK EXPERIENCE

Data Scientist , Rocket Mortgage LLC, Summer 2022- Current

Data Science Intern, Rock Central LLC, Fall 2021- Summer 2022

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Intern, Federal Reserve Bank of Minneapolis, Summer 2021

Data Science Intern, Quicken Loans LLC, June 2020 – Dec 2020

Research Assistant, Prof Ana María Herrera, University of Kentucky, Summer 2020

English Teaching Assistant, Andorran Fulbright Grantee, 2017 – 2018

Research Assistant, Prof Geoffrey Williams, Transylvania University, 2015

COMPUTATIONAL SKILLS

Python including Pytorch, Scikit-learn, and other popular libraries, MATLAB/Octave, R (including Tidyverse), Apache Spark, STATA, MAPLE, SQL/HiveQL

TEACHING EXPERIENCE

Spring, 2022	Principles of Macroeconomics ECO 202, Instructor
Fall, 2021	Principles of Macroeconomics ECO 202, Instructor (2 Sections)
Spring, 2021	Principles of Macroeconomics ECO 202, Instructor Advanced Macroeconomic Theory Econ 702, TA
Winter, 2020	R for Economists ECO410, Instructor
Fall, 2020	Analysis of Business Conditions ECO 463, TA Sports Economics ECO 393, TA
Summer, 2020	Macroeconomics Prelim Preparatory Course, Instructor
Spring, 2020	Advanced Macroeconomic Theory Econ 702, TA
Fall, 2019	Econ and Business Statistics ECO391, University of Kentucky, Recitation (4 sections)
Summer, 2019	ECO 391, University of Kentucky, Instructor
Spring, 2018	Principles of Micro/Macroeconomics ECO 201/202, University of Kentucky, TA
Fall, 2018	ECO 201/202, University of Kentucky, TA

PROFESSIONAL ACTIVITIES

Conferences: Fulbright Mid-Year Conference 2017, Fulbright Berlin Seminar 2017, UK Economics Teaching Conference 2018, Young Economist Seminar 2020 (Online), Kentucky Economic

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Association 2021, International Institute of Public Finance 2022, Midwestern Econometric Group 2022- 2023

Guest Lectures/Presentations:

Under a SALT Cap: The Effect of Limiting the SALT Deduction on Local Housing Markets, Midwestern Econometric Group 2023

Under a SALT Cap: The Effect of Limiting the SALT Deduction on Local Housing Markets , International Institute of Public Finance 2022

Revisiting the Effect of Monetary Policy on Household Consumption: A Functional Approach, Midwestern Econometric Group 2022

Monetary Policy, Interest Rate Term Structure and Consumption, Kentucky Economic Association 2021

Intro to Tableau at University of Kentucky, Sports Economics 2020

Guest Lecture on Inequality, Georgetown University, Economic Policy Summer School 2020 & 2021

Module d'anglais gestion des risques, La Sorbonne University of Paris 1 2017

Andorran Education Systems, Fulbright Spain 2017

Financial Literacy Series, Transylvania University 2015

Workshops/Trainings: Graduate Coursework in Computer Science (CS660, CS626), CEBI Workshop on Subjective Beliefs in Macroeconomics and Household Finance (University of Copenhagen) , Machine Learning by Stanford University (Coursera), Neural Networks and Deep Learning (Coursera), Introduction to Tensorflow (Coursera), Java Object-Oriented Programming (Mosh), Tableau Workshop (University of Kentucky)

Service:

Economics Undergraduate Program Committee, 2020-2021

Economics Graduate Student Reading Group Organizer, 2020 – 2021

Economics Graduate Program Committee, 2021-2022

Referee: *International Tax and Public Finance (x3), Empirical Economics(x2)*

GRANTS AND AWARDS

Block Funding Award, University of Kentucky, 2020 – 2021

Gatton Doctoral Fellowship, University of Kentucky, 2019- 2022

Stelcker Fellowship, University of Kentucky, 2018-2021

Luckett Fellowship, University of Kentucky, 2018-2019

Fulbright Grant, Andorra la Vella, 2017 – 2018

Teaching Assistantship, Deauville France, 2016- 2017

LANGUAGES

Chase Coleman

English (native), French (fluent), Spanish (fluent) Catalan (intermediate)

REFERENCES

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