

# Xinyue Bei

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## Education

Ph.D. Economics, Duke University, 2024 (Expected).

M.S. Economics and Finance, CEMFI (Center for Monetary and Financial Studies), 2018

B.A. Accounting, Nankai University, 2016.

## Research Interests

Econometrics, Applied Microeconomics

## Publications

“Local Linearization Based Subvector Inference in Moment Inequality Models” (2024) *Journal of Econometrics*.

“Score-type Tests for Normal Mixtures”, with Dante Amengual, Marine Carrasco, and Enrique Sentana. (2024) Accepted at *Journal of Econometrics*.

“Highly Irregular Serial Correlation Tests”, with Dante Amengual and Enrique Sentana. (2024) Accepted at *Econometrics and Statistics*.

“Normal but skewed?”, with Dante Amengual and Enrique Sentana. (2022) *Journal of Applied Econometrics*.

## Working Papers

“Inference on Union Bounds with Applications to DiD, RDD, Bunching, and Structural Counterfactuals” (2023) *Job Market Paper*.

“Hypothesis Tests with a Repeatedly Singular Information Matrix”, with Dante Amengual and Enrique Sentana. (2023)

## Work in Progress

“Score-type Tests for Dynamic Mixtures and Regime Switching”, with Dante Amengual, Marine Carrasco, and Enrique Sentana.

## Presentations

2023: Triangle Econometrics Conference (UNC, Chapel Hill), University of Montreal

2022: Econometrics PhD Conference (Erasmus University Rotterdam), CEMFI Econometrics Workshop

Last updated: February 15, 2024

## Research Experience

Duke University, Research Assistant for Adam Rosen, 09/2020-present

CEMFI, Research Assistant for Dante Amengual and Enrique Sentana, 08/2017-10/2017

## Teaching Experience

Instructor, Statistical foundations of econometrics and data science (Undergrad core), 2021 Summer

TA to Matt Masten and Andrew Patton, Econometrics II (Ph.D. core), 2020 Spring

TA to Federico Bugni, Econometrics I (Ph.D. core), 2019 Fall

Grader to Allan Collard-Wexler and Adam Rosen, Partial Identification, 2020 Fall, 2023 Spring

Grader to Adam Rosen, Econometrics III, 2022 Fall

## Referee Service

Journal of Econometrics, Journal of Business & Economic Statistics, Journal of Econometric Methods

## Scholarships and Awards

2022 Duke Conference Travel Award

2018, 2019 Duke Graduate School Fellowship

2017 CEMFI Scholarship

2015 Zhou Enlai Scholarship (Highest Honor of Nankai University)

2015, 2013 First Class Scholarship of Nankai University

2014 National Scholarship

## Languages

English (fluent), Mandarin (native)

## References

### **Adam Rosen (Chair)**

Professor of Economics  
Duke University  
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### **Matt Masten**

Associate Professor of Economics  
Duke University  
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### **Federico Bugni**

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### **Enrique Sentana**

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