

# TAOSONG DENG

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## EMPLOYMENT

2021-Present      Assistant Professor, College of Finance and Statistics, Hunan University

## EDUCATION

Ph.D. in Economics, Boston University, USA, 2021  
B.A. in Economics, Hunan University, China, 2012

## RESEARCH INTERESTS

Econometrics, Quantitative Macroeconomics, Empirical Finance

## WORKING PAPERS

"Theory of Low-Frequency Contamination from Nonstationarity and Misspecification:  
Consequences for HAR Inference", *R&R at Econometric Theory*,  
(with Alessandro Casini and Pierre Perron)  
  
"A New Particle Filter for Nonlinear Dynamic Stochastic General Equilibrium Models",  
(with Zhongjun Qu)  
  
"Inference in Predictive Regressions with Persistent Predictors"

## WORK IN PROGRESS

"Sieve Conditional Density Estimation",  
(with Zhongjun Qu and Guang Zhang)  
  
"Option Pricing Implications of Learning"

## REFeree SERVICE

Journal of Business & Economic Statistics

## REFERENCES

### Professor Zhongjun Qu

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