

# Liyu Dou

## Contact Information

School of Management and Economics, The Chinese University of Hong Kong, Shenzhen  
513 Zhi Ren Building, 2001 Longxiang Avenue, Longgang District, Shenzhen, China 518172  
Phone: +86(0)755-23518814  
Email: douliyu@cuhk.edu.cn  
Homepage: <https://sites.google.com/view/liyudou/>

## Current Position

Assistant Professor, *The Chinese University of Hong Kong, Shenzhen*, Aug. 2019–present

## Education and Former Positions

Ph.D. Economics, *Princeton University*, Sep. 2013–Sep. 2019

Thesis committee: Ulrich Müller (Chair), Michal Kolesár, Mark Watson

Research Associate, *Nanyang Technological University*, Aug. 2012–July 2013

M.Sc. Econometrics and Mathematical Economics with Distinction, *LSE*, Sep. 2011–July 2012

B.Sc. Mathematics and Economics, *Nanyang Technological University*, Aug. 2007–July 2011

## Teaching and Research Fields

|                  |  |
|------------------|--|
| Primary Fields   | Econometric Theory, Time Series Econometrics |
| Secondary Fields | Applied Econometrics                         |

## Working Papers

Optimal HAR Inference. Revise and Resubmit, *Quantitative Economics*.

Quantifying Delay Propagation in Airline Networks. (Joint with Jakub Kastl and John Lazarev.)

## Forthcoming and Published Papers

Generalized Local-to-Unity Models. (Joint with Ulrich Müller.) Accepted for publication, *Econometrica*.

Trial and Error in Influential Social Networks. In *Proceedings of the 19th ACM SIGKDD Conference on Knowledge, Discovery, and Data Mining (KDD)*, ed. by Inderjit S. Dhillon et al., ACM (2013), 1016-1024. (Joint with Ning Chen, Xiaohui Bei, Xiangru Huang and Ruixin Qiang.)

Catalyst of Business Cycle Synchronizations in East Asia. *The Singapore Economic Review*, 62 (2017), 703-719. (Joint with Hui-Ying Sng and Pradumna B. Rana.)

## Presentations

|      |   |
|------|---|
| 2020 | Nanyang Econometrics Conference   |
| 2019 | The Chinese University of Hong Kong (Shenzhen), The Chinese University of Hong Kong (Shatin), Simon Fraser University, Econometric Society North American Summer Meeting (Seattle, WA), NBER–NSF Time Series Conference (Hong Kong), Nanyang Technological University, Jinan University (IESR), University of Maryland, University of Connecticut, Shanghai University of Finance and Economics |
| 2018 | Princeton University  |

## Teaching Experience

|                         |  |
|-------------------------|--|
| Spring 2020, 2021       | Basic Statistics and Ph.D. Econometrics II, <i>The Chinese University of Hong Kong, Shenzhen</i> |
| Summer 2016, 2017, 2018 | Preceptor for graduate math camp, <i>Princeton University</i>                                    |
| Fall 2015, 2016, 2017   | Preceptor for graduate econometric theory I, <i>Princeton University</i>                         |
| Fall 2012, Spring 2013  | Tutor for various undergraduate economics courses, <i>Nanyang Technological University</i>       |

## Professional Activities

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|----------------|---|
| Refereeing for | <i>Econometric Theory, Economic Modelling, Journal of Econometrics (2), Journal of Empirical Finance, Journal of the American Statistical Association</i> |
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## Prize and Awards

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|-----------|---|
| 2020–2022 | University Development Fund, <i>The Chinese University of Hong Kong, Shenzhen</i> |
| 2013–2019 | Graduate Fellowship, <i>Princeton University</i>                                  |
| 2012      | Ely Devons Prize, <i>LSE</i>  |
| 2012      | Institute of New Economic Thinking Scholarship, <i>Copenhagen</i>                 |
| 2011      | Lee Kuan Yew Gold Medal, <i>Nanyang Technological University</i>                  |

February, 2021