

# David Kim (김형준)

davidk9@illinois.edu ❖ (217) 305-2276 ❖ Champaign, IL ❖ [Github](#)

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## EDUCATION

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- **University of Illinois at Urbana-Champaign(UIUC), USA**
  - PhD Candidate in Statistics, 2020 - 2026(expected) Champaign, IL
- **Korea University, South Korea**
  - B.A. in Politics, 2020 Seoul, South Korea

## RESEARCH INTEREST

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Randomization Inference, Time Series Inference, Causal Inference, Multiple Hypothesis Testing

## WORKING PAPERS

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1. <Randomization Tests for Distributions of Individual Treatment Effects using Multiple Rank Statistics> (with Yongchang Su, Jake Bowers and Xinran Li) ([R Package](#))
2. <Permutation Tests under Dependence> (with EunYi Chung and Ji Hyung Lee)
3. <Structured Testing on Tree Graphs to Detect Block-Specific Effects in Block-Randomized Experiments> (with Jake Bowers and Nuole Chen)

## TALKS

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- **<Randomization Tests for Distributions of Individual Treatment Effects using Multiple Rank Statistics>**
  - a. Poster at American Causal Inference Conference(ACIC) 2025 Annual Meeting, Detroit, MI, 2025, May 15th (*presented by co-author*)
- **<Permutation Tests under Dependence>**
  - a. Poster and Presentation at Bohrer Memorial Student Workshop 2024, Department of Statistics, UIUC, April 20th, 2024
  - b. Poster at American Causal Inference Conference(ACIC) 2024 Annual Meeting, Seattle, WA, May 15th, 2024
  - c. Presentation at Midwest Econometrics Group(MEG) Conference 2025, Urbana, IL, October 4th, 2025 (*confirmed*)

## SCHOLARSHIP, AWARDS

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- **Scholarship**
  1. **Korea Student Aid Foundation, South Korea**
    - Full National Grant for Undergraduate Students in Humanities, 2013 - 2014, 2017-2019
- **Awards**
  1. **Teachers Ranked as Excellent by Their Students, UIUC**
    - TA, STAT400(Statistics and Probability I), Spring 2021
    - TA, STAT207(Data Science Exploration), Spring 2024

## SKILLS

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- Programming: R, Python, SAS
- Language: Korean(*Native*), English(*Fluent*)