





Nan Sun


Statistics PhD student

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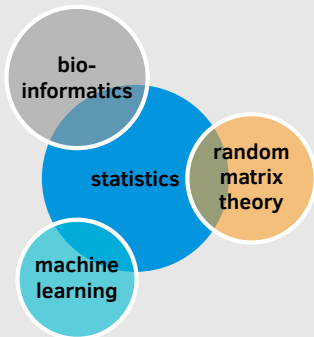
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 PhoebusNS

Skills

Overview



Programming

0 LOC → 5000 LOC

R



Matlab • Python



Bash (Unix Shell)



Projects

High-Dimensional Statistics - A More Powerful High-Dimensional Two-Sample Covariance Matrices Test under Dense but Weak Settings

Education

2017- **PhD., Stats** (GPA: 3.93/4.0) Temple University, USA

2015-2017 **MBA., Stats** (GPA: 3.56/4.0) National Cheng Kung University (NCKU), Taiwan

2011-2015 **Bec. (Hons.), Econ.** (GPA: 3.50/4.0) Univ. of Int'l Bus. & Econ. (UIBE), China

Research

2018- **High-Dimensional Statistics** Statistical Science at Temple U

- Proposed a new test procedure for testing the equality of two covariance matrices

2015-2017 **Bayesian Statistics** Statistics at NCKU

- Proposed a two-stage clinical trial for continuous endpoints in a Bayesian perspective

Publications

Nan Sun, Junjiang Zhong, Miin-Jye Wen (2019) Bayesian two-stage design for drug screening trials with switching hypothesis tests based on continuous endpoints, Communications in Statistics - Theory and Methods

Experience

Jun 2018- **Research Assistant** Advisor: Cheng Yong Tang

Present

- Research project on high-dimensional statistics

Apr 2019 **George Carides Memorial Award Winner**

- For excellent performance on the Department of Statistics' Screening Examination, making good academic progress, and participated in department activities

Sep 2017- **Teaching Assistant** Statistics Course Descriptions, Temple U

Present

- STAT 3506. Nonparametric & Categorical Data Analysis, 2019 Fall
- STAT 2521. Data Analysis & Statistical Computing, 2019 Spring
- STAT 8003. Statistical Methods I, 2018 Fall
- STAT 2501. Quantitative Fndns. for Data Science, 2018 Spring
- STAT 2523. Design of Experiments & Quality Control, 2017 Fall

Jul 2012- **IIBD Summer at School of Business** Hong Kong Baptist University (HKBU)

Aug 2012

- Funded by "Special Fund for Studying Abroad in UIBE" to attend the summer program at HKBU

Hobbies

- Rowing at Bachelors Barge Club
- Jogging at Wissahickon Valley Park
- Learning Japanese at Udemy