YANNAN TANG

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Ph.D. Candidate in Statistics

University of California, Irvine

EDUCATION

University of California, Irvine *September 2015 - Present*
Ph.D. in Statistics, Department of Statistics Overall GPA: 3.93/4.00
Advisor: Dr. Daniel Gillen

The George Washington University *August 2013 - May 2015*
Master's Degree in Statistics, Department of Statistics Overall GPA: 3.94/4.00

Tsinghua University *August 2008 - May 2012*
Bachelor's Degree in Engineering, Department of Civil Engineering Overall GPA: 82.0/100

CURRENT RESEARCH AREAS

- Space-time modeling
- Longitudinal data analysis
- Generalized additive models
- Spatial epidemiology studies

PUBLICATIONS

- A Stratified Generalized Additive Model and Permutation Test for Temporal Heterogeneity of Smoothed Bivariate Spatial Effects (under review)

MANUSCRIPT IN PROGRESS

- Calibration of Permutation Tests for Temporal Heterogeneity of Smoothed Bivariate Spatial Effects for Longitudinal Data
- Identification of Areas with Temporal Heterogeneity of Smoothed Bivariate Spatial Effects

WORK EXPERIENCE

University of California, Irvine *2017 - 2019*
Graduate Tutor

- Tutors Ph.D. students with doctoral qualification exams in forms of lectures, question sessions and one-on-one discussions.

University of California, Irvine *2015 - 2017*
Teaching assistant, reader

- Teaches and grades on introductory statistics for undergraduate students from various backgrounds including biology, computer science among others.

Galaxy Futures Limited *2013*
Analyst internship

- Works intensively with research group on analysis of futures prices.
- Constructs LPPL models to predict potential significant drop in gold price.