

Shiju Zhang

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Education

- Ph.D. in Statistics – The University of Toledo (UT), Toledo, OH, 2005
- M.S. in Probability and Statistics – Xi'an Jiaotong University, China, 1994
- B.A. in Applied Mathematics – Xi'an Jiaotong University, China, 1991

Research Interests

- Finite mixture model
- Semi-parametric statistics
- Statistical methods in diagnostic medicine

Teaching Responsibilities

- at the University of Toledo, Toledo, Ohio
 - Fall'99, Spring'00, Summer'00, Fall'00 Taught recitation sessions
 - Spring'00 Taught recitation sessions
 - Summer'00 Taught recitation sessions
 - Fall'00 Taught recitation sessions
 - Spring'01 Taught Math for Liberal Arts
 - Summer'01 Taught Modern Business Math
 - Fall'01 Math Liberal Arts
 - Spring'02 Math Liberal Arts
 - Summer'02 Taught recitation sessions
 - Fall'02 Taught Math Liberal Arts
 - Spring'03 Graded Categorical Data Analysis and Survey Sampling
 - Summer'03 Taught Math for Liberal Arts
 - Fall'03 Taught Introduction to Statistics

Spring'04 Taught College Algebra
Summer'04 Tutored students for placement tests
Fall'04 Taught Introduction to Statistics
Spring'05 Taught Introduction to Statistics
Summer'05 Graded Calculus II & Differential Equations
Fall'05 Tutored students of diverse backgrounds

- at Nanjing University of Aeronautics and Astronautics, Nanjing, China
Fall'94 – Spring'99 Taught Mathematical Stat., PDE, Calculus, etc.

Computer Skills

- Stat/Math Software: Splus/R, SAS (Macro, IML), MATLAB, Maple
- Programming Languages: C, C++, Perl, Java, JavaScript
- Operating Systems: Windows, Unix/Linux
- Database Management: SQL, Oracle

Paper in progress

1. Zhang, S. and Zhang, B. “Statistical inferences under a semiparametric finite mixture model.”
2. Zhang, S. and Zhang, B. “EM/MM algorithms for a semiparametric finite mixture model.”

References

Biao Zhang, Prof. of Statistics, The University of Toledo, Toledo, OH
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Donald White, Prof. of Statistics, The University of Toledo, Toledo, OH
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