

Qinglong Tian

Curriculum Vitae

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Nationality: Chinese

Education

- 2016 BEC in Statistics, Renmin University of China
- 2019 MSc in Statistics, Iowa State University
Advisor: William Q. Meeker
- 2021 PhD in Statistics (Expected), Iowa State University
Dissertation Advisors: William Q. Meeker, Daniel J. Nordman

Publications

REFEREED JOURNAL ARTICLES

- 2019 **Tian, Q.**, Liu, S., Meeker, W. Q. (2019), "Using Degradation Models to Assess Pipeline Life", *Applied Stochastic Models in Business and Industry* 35: 1411–1430.
- 2020 **Tian, Q.**, Meng, F., Nordman, D. J., Meeker, W. Q. (2020+), "Predicting the Number of Future Events", *Journal of the American Statistical Association*, in press.
- 2021 Lewis-Beck, C., **Tian, Q.**, Meeker, W. Q. (2021+), "Prediction of Future Failures for Heterogeneous Reliability Field Data", *Technometrics*, accepted.

MANUSCRIPTS IN SUBMISSION

- Tian, Q.**, Nordman, D. J., Meeker, W. Q., "Methods to Compute Prediction Intervals: A Review and New Results", under review.
- Tian, Q.**, Nordman, D. J., Meeker, W. Q., "Constructing Prediction Intervals Using Likelihood Ratio", under review.

Awards and Honors

- 2013 Second Class Scholarship for Academic Excellence, Renmin University of China
- 2014 First Class Scholarship for Academic Excellence, Renmin University of China
- 2015 Second Class Scholarship for Academic Excellence, Renmin University of China
- 2019 First Place Winner of 2019 Data Mining Cup ([Link](#)), Prudsys AG

Conference Activity

- 2019 “Automated Fraud Detection Model for Self-Scanning Systems”, Retail Intelligence Summit, July 3, Berlin, Germany
- 2020 Talk in contributed paper session, JSM 2020, Aug 1-6, Online
Talk in invited paper session, ISBIS KOCHI 2020, Dec 28-30, Online

Experience as a Teaching Assistant

STAT104: Introduction to Statistics (16F)
STAT305: Engineering Statistics (16F, 18F)
STAT480: Introduction to Statistical Computing (17S, 18S)
STAT500: Statistical Methods I (17F)

Service to Profession

Reviewer for *Journal of the American Statistical Association*, 2019
Reviewer for *Reliability Engineering and System Safety*, 2020
Reviewer for *Stat*, 2021

Departmental Service

Treasurer, Iowa STAT-ers (2018-2019), Iowa State University

Nonacademic Experiences

Intern (2015), National Bureau of Statistics of China
Statistical Consultant for the College of Engineering (2018-2020), Iowa State University
Statistical Consultant for the Agricultural Experimental Station (2020), Iowa State University
Biostatistics Intern (2020-present), Boehringer Ingelheim

References

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Huaiqing Wu

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