Qinglong Tian

Curriculum Vitae
July 9, 2021

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Nationality: Chinese

Education

2016	BEc in Statistics, Renmin University of China
2018	MSc in Statistics, Iowa State University
	Advisor: William Q. Meeker
2021	PhD in Statistics, Iowa State University
	Dissertation Advisors: William Q. Meeker, Daniel J. Nordman

Professional Appointments

Research Associate, University of Wisconsin-Madison, Department of Biostatistics & Medical Informatics, 2021-present

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", submitted to *Statistical Science*, being revised.

Tian, Q., Nordman, D. J., Meeker, W. Q., "Constructing Prediction Intervals Using Likelihood Ratio", submitted to *INFORMS Journal on Data Science*, being revised.

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
2021	Research Excellence Award, Iowa State University

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

2019	Reviewer for *Journal of the American Statistical Association* (1)
2020	Reviewer for *Reliability Engineering and System Safety* (1)
2021	Reviewer for *Stat* (1), *Technometrics* (1)

Departmental Service

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

Nonacademic Experiences

Intern, National Bureau of Statistics of China, 2015
Statistical Consultant for the College of Engineering, Iowa State University, 2018-2020
Statistical Consultant for the Agricultural Experimental Station, Iowa State University, 2020
Biostatistics Intern, Boehringer Ingelheim, 2020-2021

References

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