

# 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*, accepted.

### MANUSCRIPTS IN SUBMISSION

Lewis-Beck, C., **Tian, Q.**, Meeker, W. Q., “Prediction of Future Failures for Heterogeneous Reliability Field Data”, being revised for *Technometrics*.

**Tian, Q.**, Nordman, D. J., Meeker, W. Q., “Methods to Compute Prediction Intervals: A Review and New Results”, submitted to *Statistical Science*, under review.

### MANUSCRIPTS IN PREPARATION

**Tian, Q.**, Nordman, D. J., Meeker, W. Q., “Constructing Prediction Intervals Using Likelihood Ratio”.

**Tian, Q.**, Lewis-Beck, C., Niemi J. B., Meeker, W. Q., “Setting Prior Distributions in Reliability Applications”.

## 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 ( <a href="#">Link</a> ), Prudsys AG

## Conference Activity

2019	“Automated Fraud Detection Model for Self-Scanning Systems”, Retail Intelligence Summit, July 3, Berlin, Germany
2020	“Predicting the Number of Future Events”, JSM 2020, Aug 1-6, 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 American Statistical Association*, 2019  
Reviewer for *Reliability Engineering and System Safety*, 2020

## 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

**William Q. Meeker**  
Distinguished Professor  
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