Chengguo Weng

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CONTACT



Welcome!

I am an Associate Professor of Actuarial Science in the Department of Statistics and Actuarial Science at the University of Waterloo.

I am interested in not only academic research in those areas including probability, statistics, actuarial science, finance and optimization, but also industry consulting projects and commercial adventure in relevant industries.

MY CV

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Social links:









- Broad research interests
- Enthusiasm in industrial partnership
- **Diversity of Education Experiences**

Chengguo.Weng.com



Optimal Decision with Uncertainty

- Optimal reinsurance
- Vast portfolio selection
- Risk prioritization
- Pricing and hedging of insurance/finance products
- Monte Carlo simulation
- Data-driven
- Partial information
- Statistical learning

Predictive Analytics

- Insurance premium rating
- Customers behavior characterization
- Prediction of economic factors

- Personalized prediction algorithms
- Enable price discrimination
- Enable incorporation of large information



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Describe me your Situations

Bring me your Questions

Show me your Data

