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## Wei Liu

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## **Education**

- Sep. 2011 Jul. 2015, Bachelor, School of Mathematics and Statistics, Southwest university
- Sep. 2015 Jul. 2017, Master, Advisor: Prof. Huazhen Lin, School of Statistics, Center of Statistical Research, Southwest university of Finance and Economics
- Sep. 2017 Now, Doctor, Advisor: Prof. Huazhen Lin, School of Statistics, Center of Statistical Research, Southwest university of Finance and Economics

## Research

- Interested areas: Nonparametric Method, Big Data Analytics, Modelling for missing data, Modelling for high dimensional data.
- Publications

Lei Guo, Wei Liu (2018). Quality Monitoring Technique Combining Bayesian Method with Sequential Procedure in CAT System. Journal of Psychological Science. Paper available at: PDF.

Huazhen Lin, Wei Liu, Wei Lan(2018). Regression Analysis with individual-specific patterns of missing covariates. Submitted.

Wei Liu, Huazhen Lin, Yanyuan Ma, Ying Wei(2018). Efficiently supervised structure learning of generalized regression model with ultra-high correlated covariates. Submitted.

## **Code and Software**

Software

<u>ILSE</u> is an R package for Iterative Least Square Estimation or Full Information Maximum Likelihood Estimation for Linear Regression When Data Include Missing Values.