

# Hengrui Luo (Henry)

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The Ohio State University  
Department of Statistics  
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## **Education**    **The Ohio State University**

M.Sc., Statistics, 2017.

## **Sun-Yat Sen University**

B.Sc., Pure and Applied Mathematics, 2015.

## **Interest**

High Dimensional Inference, Algebraic Statistics,  
Bayes Nonparametrics, Topological Data Analysis.

## **Research**

### **Department of Statistics, The Ohio State University**

Member of Data-mining and Statistical learning group

Member of Genetics and Bioinformatics group

### **Society for Industrial and Applied Mathematics(SIAM)**

Member of Society for Industrial and Applied Mathematics, 2017-

### **American Statistical Association(ASA)**

Student Member of American Statistical Association, 2017-

## **Awards**

### **University Fellowship**

The Ohio State University, 2015-2016

### **University Outstanding Graduate**

Sun Yat-Sen University, for top 3-5% students with academic excellence and recognizable career development, 2015.

### **University Outstanding Thesis**

Sun Yat-Sen University, for top 1-2% students with academic excellence and research writing skills, 2015.

### **R.E.T Innovation Award**

Sun Yat-Sen University, for selected research papers in the field of theoretic and applied mathematics, 2015

### **Excellent Student Scholarship**

Sun Yat-Sen University, 2012-2014

### **National Mathematical Modelling Contest, National Prize**

China Society for Industrial and Applied Mathematics, 2012

### **National Natural Science Base Program for Talented Students**

Ministry of Education of the People's Republic of China, 2011-2015

## Service

**Department of Statistics, The Ohio State University**  
Graduate Teaching Associate, Advanced Graduate Level Courses, 2015-  
**The Ohio Science Fair, The Ohio State University**  
Graduate Judge for Statistical Analysis Award, 2016.  
**ENVR Conference on Bayesian Environmetrics,**  
**The Ohio State University**  
Graduate Volunteer and Participant, 2016.  
**Online Mathematics and Statistic Community**  
Top 10% established user and reviewer, both mathoverflow.net  
(professional mathematics) and stats.stackexchange.com(statistics and data  
analysis) , 2015-

## Languages

Chinese(native), Catonese(native), English (advanced), German (beginner)

## Skills

R Proficient in package building, Java-R interface and parallel computation.  
Java Proficient in Multi-threaded programming and framework deployment.  
L<sup>A</sup>T<sub>E</sub>X Proficient in package building and templates.  
SAS, Mathematica, Python3, MATLAB, Linux shell.

† Experienced with Hadoop, HPC-cluster and parallel computation.