



JP Research, Inc.

1975 West El Camino Real, Suite 300 • Mountain View, CA 94040
Phone: (650) 559-5999 • Fax: (650) 559-5980 • www.jpresearch.com

Yuan He

Research Analyst

JP Research, Inc.

1975 W. El Camino Real, Suite 300

Mountain View, CA 94040

Tel. (650) 559-5999

Fax (650) 559-5980

Email: yuan@jpresearch.com

Website: www.jpresearch.com

Mr. Yuan He is a statistician and data analyst with a background in text/data mining, predictive modeling, data analysis, data visualization, data processing, and simulation. He holds M.A. and B.A. degrees in Statistics from the University of California, Berkeley, and has extensive experience using R (including teaching an introductory course in it at UC Berkeley), Python, Unix, Version Control (Git), and SQL.

For JP Research, Mr. He provides statistical programming and analysis support to a wide range of projects, particularly those requiring his skills in the areas of linear models, logistic regression, probability theory, and data structure. Prior to joining JP Research, he provided statistical consulting services, through UC Berkeley, to researchers in such disparate fields as biology, demography, anthropology and education. These services included reviewing experimental designs, interpreting analysis results, and proposing testing tools and modeling methods. Mr. He also worked as an analyst intern in the Research and Development Department of the Zhengzhou Commodity Exchange, the second largest commodity exchange in China. There he analyzed market prices of agricultural products using time series techniques.

In addition, Mr. He has undertaken projects to text mine and analyze Twitter data on a professional basketball team; to analyze different delay categories for airline flights departing San Francisco International Airport; and to use machine learning models to create highly accurate predictions on the market value of soccer players. He also helped developed the package "Genetic Algorithm for Regression Variable Selection" (GARVaS) in R by building modular functions and constructing the help manual.

Education, Specialized Skills

University of California, Berkeley Berkeley, California	M.A., Statistics	2015
University of California, Berkeley Berkeley, California	B.A., Statistics	2014

Languages: Fluent in Chinese (Mandarin) and English

Professional Experience

JP Research, Inc., Mountain View, California

Research Analyst, 2016-Present

Supports technical projects for research and litigation. Applies expertise related to statistical, risk, and probability analyses, including linear modeling, hypothesis testing, and forecasting. Responsible for performing statistical practices such as factor analysis, logistic regression, and data visualization.

University of California, Berkeley, Berkeley, California

Statistical Consultant, Department of Statistics, 2015

Provided statistical consulting services to on-campus researchers. Reviewed experimental designs, interpreted analysis results, proposed testing tools and modeling methods, and helped reduce experimental costs (offering advice on follow-up sessions).

University of California, Berkeley, Berkeley, California

Graduate Student Instructor, Department of Statistics, 2015

Taught "Introduction to Computing Statistics Using R".

Zhengzhou Commodity Exchange, Zhengzhou, China

Analyst Intern, 2013

Collaborated with colleagues in the Research and Development Department of ZCE, the second largest commodity exchange in China. Analyzed market prices of agricultural products using time series techniques, with results used as reference for listing of new products in the futures market. Translated regulations from Chinese to English, also financial articles from English to Chinese.
