Wen Li

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EDUCATION

University of Michigan Ann Arbor, MI

Master of science in Quantitative Finance &Risk Management 09/2016-12/2017

- Core courses: Numerical Method with Financial Application; Discrete State Stochastic Processes; Financial Mathematics; Applied Statistics

Wuhan University Wuhan, China

Bachelor of Science in Financial Engineering 09/2012-06/2016

- GPA: 3.64/4.0
- Core courses: Real Analysis, Stochastic Processes, Econometric Model Experiment, Financial Engineering Experiment, Time Series Analysis, Dynamic Optimization, Data Statistics Analysis Method

WORK EXPERIENCE

Wonder Futures, Research Department Beijing, China

Quantitative Research Intern Analyst 11/2015-12/2015

- In-depth studied the theory of intertemporal arbitrage and futures pricing model including cost of carry
- Analyzed gold futures arbitrage opportunities by classical cost of carry model
- Applied statistical methods to analyze gold futures arbitrage opportunities, calculated the frequency of spread
- Evaluated the potential risks of intertemporal arbitrage and recommended corresponding strategies

PROJECTS

Expected yield simulation to Equity-Linked financial products 06/2015-07/2015

- Collected 244-day daily opening price of five Chinese stocks by Great wisdom securities information platform, then calculated the average yield and the volatility of daily return
- Conducted over 10,000 times Monte Carlo simulation for stock future prices with Eviews
- Estimated the real yield of financial products through simulation results analysis

Empirical Research on Optimal Hedge Ratio and Hedging Performance of Shanghai Silver Futures, Continuous Contract 11/2014-12/2014

- Read massive domestic and foreign paper about hedging, analyzed and compared related research models
- Downloaded 2-year daily prices of Shanghai silver continuous actuals and contracts, then using Eviews to conduct unit root, cointegration test, and construct ARCH model
- Compared the optimal hedge ratio determined by OLS, B-VAR, ECM and ECM-GARCH model,

Empirical analysis on the mechanism of Spot Rate toward Forward Exchange Rate 10/2014-11/2014

- Collected ten-year data of exchange rate of RMB against the US dollar, one-year deposit interest rate, then processed them using data stationary and Granger causality test
- Applied SVAR model to get the long-term response matrix
- Utilized impulse response and variance decomposition to test the relationship

SKILLS AND AWARDS

Awards:

- Business Negotiation Competition of seven universities in central China, 3rd prize, 2014
- International Mathematical Contest in Modeling, 3rd prize, 2015

Computer skills: HTML, Java, Eviews, SAS, R, Stata, Matlab