

Yuhao Zhu, Ph.D.

Model Validator at ABN AMRO Bank

External Researcher at Erasmus University Rotterdam

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EXPERIENCE

ABN AMRO Bank N.V.

Model Validator

Jan. 2019 to present

Amsterdam, NL

- Validating credit risk models (IRB): Data quality checks, statistical tests, regulation compliance checks, etc.
- Maintaining technical standards for quantitative analyses and statistical tests.
- Developing Python modules for statistical tests and validation pipelines.
- Maintaining SAS tools for ECB templates on reporting internal validation results.

TECHNICAL STRENGTHS

Quantitative skills

Econometrics, mathematical statistics, stochastic calculus

Programming

Python (scipy, pandas, scikit-learn), SAS, SQL, STATA

Financial modeling

Behavioral finance, option pricing, asset pricing, contract theory

Languages

Chinese (native), English (proficient), Dutch (basic, A2), Japanese (basic)

Certificates

Passed FRM Part II, Passed CFA Level I

EDUCATION

Erasmus University Rotterdam

Ph.D. in Finance

Sep. 2015 to Nov. 2018

Rotterdam, NL

- Research interests: Behavioral finance, incentive contracting, option pricing, empirical asset pricing
- Title of the Ph.D. dissertation: "On the effects of CEO compensation"

Tinbergen Institute & VU University Amsterdam

M.Phil. in Economics (Finance track), cum laude, GPA: 8.0/10.0

Sep. 2013 to Aug. 2015

Amsterdam, NL

- Coursework: Econometrics, asset pricing, behavioral finance, risk management, advanced game theory
- Graduate school of Erasmus University Rotterdam, University of Amsterdam, and VU University Amsterdam

University of Groningen

BSc (Honors) in Economics and Business Economics, GPA: 8.5/10.0

Sep. 2011 to Aug. 2013

Groningen, NL

- Coursework: statistics, programming, finance, international economics

Fudan University

BA in Economics, GPA: 3.78/4.00

Sep. 2009 to Aug. 2013

Shanghai, CN

- Fudan-RUG double degree program

AWARDS

12th CAFM 2017 Outstanding Paper Award

Dec. 2017

American Finance Association Student Travel Grant

Jan. 2017

M.Phil. Full Scholarship, Tinbergen Institute

2013 to 2015

Talent Scholarship, University of Groningen

2011 to 2013

First-class Scholarship, Fudan University

Sep. 2011

First-class Scholarship, Fudan University

Sep. 2009

ACADEMIC EXPERIENCE

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| Erasmus University Rotterdam
<i>External researcher</i> | Sep. 2018 to present
<i>Rotterdam, NL</i> |
| · Conducting research in financial economics. | |
| Erasmus University Rotterdam
<i>Ph.D. candidate, teacher and supervisor in finance</i> | Sep. 2015 to Aug. 2018
<i>Rotterdam, NL</i> |
| · Conducting research in financial economics. | |
| · Teaching courses and supervising master theses. | |
| Tinbergen Institute & Erasmus University Rotterdam
<i>Teaching assistant</i> | Jan. 2015 to Apr. 2015
<i>Rotterdam, NL</i> |
| · Teaching tutorials for the master-level courses “Statistics” and “Corporate Finance Theory”. | |

WORKING PAPERS

Options, incentives and probability-weighting CEOs

The additional costs of CEO compensation: The effect of relative wealth concerns of employees
Available on SSRN.

Wage gap and stock returns: Do investors dislike pay inequality?
Available on SSRN.

GUEST LECTURES

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| Guest lecture on credit risk management at Erasmus University Rotterdam | <i>Nov. 2020</i> |
| Guest lecture on credit risk management at Erasmus University Rotterdam | <i>Dec. 2019</i> |
| Guest lecture on risk management at VU University Amsterdam | <i>Dec. 2019</i> |

PRESENTATIONS AT CONFERENCES AND SEMINARS

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| China International Conference in Finance, Tianjin, CN | <i>Jul. 2018</i> |
| Global Finance Conference, Paris, FR | <i>Jul. 2018</i> |
| Behavioral Finance Working Group Conference, London, UK | <i>Jun. 2018</i> |
| (discussant) Executive Compensation Conference 2018, Rotterdam, NL | <i>Jun. 2018</i> |
| Erasmus Finance Day, Rotterdam, NL | <i>May. 2018</i> |
| Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL | <i>May. 2018</i> |
| 12th Conference on Asia-Pacific Financial Markets (CAFM) Seoul, KR | <i>Dec. 2017</i> |
| International Finance and Banking Society (IFABS) 2017 Conference Ningbo, CN | <i>Sep. 2017</i> |
| Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL | <i>Aug. 2016</i> |
| Erasmus Finance Brown Bag Seminar, Rotterdam, NL | <i>Nov. 2016</i> |
| Tinbergen Institute Ph.D. Lunch Seminar, Rotterdam, NL | <i>Oct. 2016</i> |