Chengcheng Qu

Ph.D. Candidate in Finance
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Education

Stockholm University, Stockholm, Sweden
Ph.D. Candidate in Finance, 2018 - present (expected June 2023)
Supervisors: Björn Hagströmer, Lars Nordén, and Michał Dzieliński
Research interests: market microstructure, market design, algorithmic trading

Stockholm School of Economics, Stockholm, Sweden
M.Sc. in Finance, 2015 - 2018
Supervisors: Ramin Baghai
Master Thesis: "Do Managers Overreact to Natural Disasters?"

Southwestern University of Finance and Economics, Chengdu, China
B.Econ. in Finance, 2011 - 2015
Bachelor Thesis: "Do Institutional Investors Drive up the Interest Rate and Default Rate of P2P Lending Platform? Evidence from LendingClub.com"

Job market paper

Latency arbitrage and market liquidity

Abstract: There is an increasing concern that fast trading firms magnify adverse selection costs and illiquidity by picking off stale quotes. This paper shows that adverse selection and liquidity improve after restricting aggressive proprietary trading. Bid-ask spread declines by 11% and adverse selection costs declines by 21%. Liquidity providers earn higher realized spreads and quote deeper volume at better prices. I further identify cross-exchange latency arbitrage and find that the restriction refrains more than half of toxic arbitrage trades. Market makers benefit from a lower likelihood to be sniped when public information arrives hence subject to lower adverse selection costs.

Presentations:
2022 NFN Young Scholars Nordic Finance Workshop
2022 SHoF National PhD Workshop in Finance
2022 PhD Brown Bag Vrije Universiteit Amsterdam
2022 The Economics of Financial Technology Conference at University of Edinburgh
2022 AFA PhD Student Poster Session
2021 Aquis Exchange
2020 NFN PhD Nordic Finance Workshop
2020 SHoF National PhD Workshop in Finance

Working paper

Market centralization, liquidity, and efficiency
with Björn Hagströmer and Michał Dzieliński

Presentation:
2021 SHoF National PhD Workshop in Finance

Tick size, lot size, and liquidity in futures trading
with Lars Nordén and Caihong Xu

Workshop participation

2021 NBER Doctoral Workshop on the Economics of AI
2021 EFA Doctoral Workshop on Blockchains and Cryptocurrency

Visiting Experience

2022 Swedish House of Finance, Stockholm, Sweden
2022 Vrije Universiteit Amsterdam, Amsterdam, Netherlands

Teaching Experience

Stockholm University, Stockholm, Sweden
Teaching assistant, Finance I (bachelor's level), 2019 - present
◦ Present and explain excel calculations of NPV, IRR, firm valuation, portfolio theory, pricing bonds and options to more than 500 students each semester.

Teaching assistant, Empirical Finance (bachelor's level), 2019 - present
◦ Guide 5 computer labs on OLS, MLE, time series analysis, CAPM, and event study.
◦ Created two excel video tutorials for online teaching in 2020. The tutorials are still in use now and have received more than 500 views in the latest semester.

Professional experience

Stockholm University, Stockholm, Sweden
Pre-PhD research assistant for market microstructure projects, 2017-2018

Mistra Center for Sustainable Markets, Stockholm, Sweden
Research Assistant for the Walking the Talk Project, 2017

Resility AB, Stockholm, Sweden
Research intern for Nordic Compass ESG Data Project, 2016

Planet Finance (Microcredit NGO), Beijing, China
Intern for big data research and financial literacy project, 2014 - 2015

Fellowships and Awards

European Finance Association (EFA)
PhD Travel Grants, 2022

Nordic Finance Network (NFN)
Travel Grants to course: Machine Learning for Finance, 2022

Jan Wallander and Tom Hedelius Foundation, Tore Browald Foundation
Scholarship for visiting University of Toronto, 2022
(Visit postponed due to delayed visa issuance)

Jan Wallander and Tom Hedelius Foundation, Tore Browald Foundation
Research Scholarship, 2017 - 2018

China Scholarship Council
Scholarship for Studying Abroad, 2015 - 2017

China Financial Futures Exchange
National Second Prize in the Knowledge Contest of Financial Derivatives, 2014

Other skills

Software: R, LaTeX, Matlab, Stata
Languages: English (fluent), Chinese (native), Japanese (basic), Swedish (basic)

References

Björn Hagströmer (main supervisor)
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Stockholm Business School
Stockholm University
bjorn.hagstromer@sbs.su.se

Lars Nordén (supervisor)
Professor of Finance
Stockholm Business School
Stockholm University
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Richard Payne
Professor of Finance
Bayes Business School
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