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Citizenship: Germany

RESEARCH INTERESTS

Asset Pricing, Macro Finance

EDUCATION

UCLA Anderson School of Management

PhD in Finance 2017 - Present

Vienna University of Economics and Business

MSc in Quantitative Finance 2015 - 2017 BSc in Business and Economics 2012 - 2015

WORKING PAPERS

How Competitive is the Stock Market? Theory, Evidence from Portfolios, and Implications for the Rise of Passive Investing, with Valentin Haddad and Erik Loualiche

WFA 2022 Elsevier Best Paper on Financial Institutions

2021 Q-Group Jack Treynor Prize

Financial Times, Risk.net, UCLA Anderson Review

Presentations: EFA Annual Meeting (2022), SFS Cavalcade North America (2022), Asian Financial Association Meetings (2021), UCLA Anderson Finance Brownbag (2021)

Co-Author Presentations: Q Group Fall Seminar (2022), Minnesota Workshop in Macroeconomic Theory (2022), NBER SI Industrial Organization (2022), WFA Meeting (2022), LSE Paul Woolley Centre Conference (2022), HEC Paris CEPR Conference (2022), PHBS Workshop (2022), Adam Smith Workshop (2022), NBER Long-Term Asset Management (2022), UBC Winter Finance (2022), EUROFIDAI (2021), NBER SI Asset Pricing (2021), Virtual Finance Workshop (2021), CU Boulder, Unil/EPFL, Harvard Business School, INSEAD, Minnesota Carlson, Nova, NYU Stern, Princeton University, SAIF, UCLA Anderson, UIC, University of Maryland, University of Minnesota, University of Wisconsin at Madison, USC, Washington University St. Louis, WU Vienna

Abstract: We develop a framework to theoretically and empirically analyze how investors compete with each other in financial markets. In the classic view that markets are fiercely competitive, if a group of investors changes its behavior, other investors adjust their strategies such that nothing happens to prices. We propose a demand system with a flexible degree of strategic response and estimate it for institutional investors in the U.S. stock market. Investors react to the behavior of others in the market: when less aggressive traders surround an investor, she trades more aggressively. However, this strategic reaction is not nearly as strong as the classic view. Our estimates suggest that when a group of investors changes its behavior, the response of other investors only counteracts half of the direct impact. This result implies that the rise in passive investing over the last 20 years has led to substantially more inelastic aggregate demand curves for individual stocks by about 15%.

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TEACHING	
UCLA Anderson School of Management (Teaching Assistant)	
MFE Statistical Arbitrage, Prof. Valentin Haddad	Fall 2020 - 2022
MFE Advanced Stochastic Calculus, Prof. Stavros Panageas	Fall 2019 - 2020
MFE Financial Risk Measurement and Management, Prof. Valentin Haddac	Spring 2019 - 2022
MBA Foundations of Finance, Prof. David Wessels	Winter 2022
MBA Corporate Finance, Prof. Antonio Bernardo	Winter 2019
Vienna University of Economics and Business (Teaching Assistant)
MSc Microeconomics, Prof. Alexander Mürmann	Spring 2017
MSc Statistics, Prof. Kurt Hornik	Fall 2016
NON-ACADEMIC WORK EXPERIENCE	
Predictive Analytics at Austrian Post Data Science Intern	June 2017 - August 2017
WU Trading and Investment Society Head of Trading Team	May 2016 - June 2017

Rating Model Validation at Raiffeisen Bank International

March 2015 - December 2016

Quantitative Credit Risk Analyst

August 2013 - September 2013 Internship at Biomin Singapore

Management Trainee

ACADEMIC WORK EXPERIENCE

UCLA Anderson School of Management

 $November\ 2018$ - $February\ 2019$

Research Assistant for Prof. Valentin Haddad

Research assistance for Boyarchenko, Haddad and Plosser (2018, WP)

FELLOWSHIPS & AWARDS

WFA Elsevier Best Paper for "How Competitive is the Stock Market?"	2022
Q-Group Jack Treynor Prize for "How Competitive is the Stock Market?"	2021
UCLA Anderson Fellowship	2017 - 2021
WU Scholarship for Academic Excellence	2013 - 2014
WU Top League, Fellow	2012 - 2015

WORKSHOPS

MFS-Wharton Virtual Summer School: Open Questions in Macro Finance	$August\ 2020$
Macro Finance Research Program Summer Session for Young Scholars	July~2020
Financial Market Insights: Demand System Asset Pricing	June~2020
Financial Economics of Insurance	June~2020
Princeton Initiative: Macro, Money and Finance	Sentember 2019

SKILLS

Computing R, Julia, Python, SQL, git

German (native), English (fluent), Czech (basic) Languages

REFERENCES

Valentin Haddad (Chair)

Associate Professor of Finance UCLA Anderson School of Management valentin.haddad@anderson.ucla.edu

Lars Lochstoer

Professor of Finance UCLA Anderson School of Management lars.lochstoer@anderson.ucla.edu

Stavros Panageas

Robert D. Beyer '83 Term Chair in Management UCLA Anderson School of Management stavros.panageas@anderson.ucla.edu

Mikhail Chernov

Warren C. Cordner Chair in Money and Financial Markets UCLA Anderson School of Management mikhail.chernov@anderson.ucla.edu

Andrea L. Eisfeldt

Laurence D. and Lori W. Fink Endowed Chair in Finance UCLA Anderson School of Management andrea.eisfeldt@anderson.ucla.edu