


ECONOMETRIC GAME 2021



The housing market of Amsterdam



VS&A

 UNIVERSITY OF AMSTERDAM
Economics & Business

FLOW  TRADERS


brainbay

 **Da Vinci**
DERIVATIVES

 AMSTERDAMS UNIVERSITEITSFONDS

Colofon

Editorial Board

Sanne Moonen

Dorien de Leeuw

Committee

Pien Baas

Jack Pinto

Benjamin van Casteren

Dorien de Leeuw

Daphne Edridge

Koen van Ederen

Olle Colenbrander

Lysanne Spilt

Website

www.econometricgame.com

Special thanks to

Martijn Dröes

Hans Koster

Fonger Ypma

The VSAE Board



VSAE

Roetersstraat 11

Room E1.32

1018 WB Amsterdam

Tel: +31(0)20-525 4134

email: info@vsae.nl

www.vsae.nl

Partners of the Econometric Game 2021



VSAE



brainbay



Da Vinci
DERIVATIVES

F L O W ■ T R A D E R S



AMSTERDAMS UNIVERSITEITSFONDS



UNIVERSITY OF AMSTERDAM
Economics & Business

PREFACE	5
THE COMMITTEE	7
CASE AND JURY	9
PARTNERS	12
Flow Traders	12
Da Vinci Derivatives	14
PROGRAM	16
PARTICIPANTS	18
Aarhus university	18
Erasmus University of Rotterdam	20
Georg-August-Universität Göttingen	22
Harvard University	24
Keio University	26
Lomonosov Moscow State University	28
Lund University	30
Monash University	32
New Economic School	34
Norwegian School of Economics	36
Oxford University	38
Stellenbosch University	40
Universidad del Rosario	42
Universidad Nacional De Colombia	44
Université de Lausanne	46
University Carlos III de Madrid	48
Maastricht University	50
University of Amsterdam	52
University of Antwerp	54
University of Bristol	56
University of Cambridge	58
University of Copenhagen	60
University of Melbourne	62
Université d'Orleans	64
Università Degli Studi Firenze	66
Tor Vergata University of Rome	68
University of St. Gallen	70
Tilburg University	72
University of Warsaw	74
Vrije Universiteit Amsterdam	76



Pien Baas

Chairman Econometric Game committee 2021

Dear participants,

It is my honour to welcome you to the 2021 edition of the Econometric Game, on behalf of this year's committee. On Thursday, you will all work very hard to solve a crucial issue in today's economy here in Amsterdam. And then on Friday, only the ten best teams will fight for the one thing you all want: the title of World Champion of Econometrics.

The housing costs in Amsterdam have increased significantly in recent years. It is a compact city with a limited stock of housing, but the popularity makes the prices go up. There are many other factors as well, but one that stands out for people is the AirBnB rent, which is a short-term renting service. This effect has attracted many people (also internationally) to invest in the city, which allegedly pushed up prices. In the next days, you will be an expert on this topic, and hopefully notify policymakers in our city, and perhaps even elsewhere.

The committee worked very hard to make everything possible this year, so that you can only focus on what's important: the case. We wish we could have met you all in the Zuiderkerk, talked to you during the dinners or got a beer with you in the pub. However, we hope that we will still get to meet you during these two days, and hopefully some day you can visit Amsterdam by yourself! For now, I wish you all good luck, may the best win, and I will see you online on the 8th of April.

Pien Baas, Chairman of the Econometric Game Committee 2021





Hi, I am Pien Baas and I am the chairman of the Econometric Game committee of 2021. Currently, I'm studying econometrics and live in Amsterdam. My committee and I will arrange everything for the 2021 edition, to make it an unforgettable experience for the participants. Sadly, last year the edition was cancelled due to the corona virus, and to not let that happen again we decided to host the event online. Since this is the first time, we are working hard to make it as great as it would be if it were in Amsterdam. I wish all the participants good luck and hope to see everyone online in April 2021!



Hi, my name is Benjamin. I am a third-year bachelor student in econometrics. Besides studying at the University of Amsterdam, I am also employed there as a tutorial teacher. In preparation for- and during The Econometric Game, I will be the main contact person for the participants and the participating universities. I hope to make the twenty-first edition of The Econometric Game an unforgettable experience!



Hi! My name is Dorien. I am currently a master student at the University of Amsterdam in Actuarial Science and Mathematical Finance after finishing my masters in Econometrics last year. My task for the Econometric Game 2021, is to arrange everything that has to do with PR and media. Good luck with the preparations and I'm looking forward to seeing you, virtually, at the Econometric Game 2021!



Hello everyone, my name is Koen. I finished my masters in Financial Econometrics last year and I am currently doing a master in Actuarial Science. I was a member of the Econometric Game committee, where it was my task to come up with an interesting topic to base the case on. It was then my job to find and assist a professor who wants to create a challenging case for the participants to solve. After successfully completing this task, the Econometric Game 2020 was unfortunately cancelled due to Coronavirus. As I had already found a casemaker who made a very interesting case, we decided that I would do the committee again while keeping the case for the next edition. I hope you will all work on this case with the same enthusiasm that we had when creating it!

Hello! My name is Olle. This year I will start with my third year of Econometrics here in Amsterdam. Besides studying and spending hours in the library, I will arrange the acquisition of the coming edition of the Econometric Game together with Jack. Since this year will be different than the previous years we will make it an unforgettable experience.



Hi! My name is Jack and I am currently finishing my bachelor Econometrics at the University of Amsterdam. This year, I will arrange the facilities; places to stay, location of the event, etc., I will also interfere with the acquisition. As last year's event, unfortunately, did not take place, we are extra motivated to make this year better than ever. We hope everyone enjoys the Econometric Game 2021!



Hi! My name is Daphne and I am the previous coordinator of the Econometric Game committee 2021. I am currently taking a year of my studies since I am in the board of the VSAE. Last year I was in the Econometric Game committee as well, and as you might know, we, unfortunately, had to cancel that edition. However, this makes me even more excited for coming event in April!



Hi everyone, my name is Lysanne and I'm 21 years old. I'm a third-year econometric student and since February, I'm one of the board members of the VSAE. There, I'm in the External Affairs team so I'm mostly concerned with contacting our commercial partners. I'm also the coordinator of the Econometric Game committee. What I like about the Econometric Game is that this event is known all over the world and that all those students get into contact with each other. I think the Econometric Game is valuable because more attention is paid to the worldwide econometric community. Therefore, I enjoy hearing that you are participating in the Econometric Game 2021. I wish you the best and above all a lot of fun during the event! I'm looking forward to receiving all your solutions to the case.



About the Case

In the last decade the sharing economy has increased tremendously in both scope and size and it is now affecting all aspects of modern-day life. Some well-known examples include peer-to-peer lending, crowdfunding, ridesharing, and home sharing. A prime example of the sharing economy is Airbnb. There are currently 150 million users worldwide, 6 million listings in over 65,000 cities. The case for the Econometrics Game 2021 – prepared by Martijn Dröes from the University of Amsterdam – focusses on the local effects of Airbnb on the housing market in Amsterdam.

The first listings in Amsterdam were in 2008 and have exploded exponentially. Besides having impact on the tourism/hotel industry, it also has a major impact on the housing market. On the one hand, Airbnb raises money for local residents and the (local) economy, on the other hand the increasing flow of tourists also creates nuisance and noise pollution and raises concerns about better regulating the Airbnb inflows into the city. Which one of these aspects dominates is, a priori, unknown, but we would expect that these forces are affecting house prices (of individual houses) in Amsterdam. House prices in Amsterdam have been soaring with an increase of 65% within the 5 years prior to 2018. To what extent might the increased popularity of Airbnb be to blame? Although recently house prices have stabilized in Amsterdam, there is a genuine concern whether the current shortages as observed in many part in the Netherlands are exacerbated by the presence of Airbnb.

With the help of Brainbay/The Dutch Association of Realtors, detailed microdata on house prices and Airbnb listings are made available for the international teams to analyze. Advanced econometric techniques are necessary to model the relationship between Airbnb and house prices and to examine whether the effect of Airbnb is causal. How to deal with and regulate Airbnb is high up the political agenda of many cities. The findings of the different teams could help in the debate regarding this issue, within Amsterdam and more broadly, on how to facilitate and/or regulate Airbnb and how to better integrate the sharing economy with the mainstream economy: to innovate as a city while remaining accessible and livable for local residents.



Martijn Dröes is assistant professor real estate finance at the University of Amsterdam. Martijn obtained both his Bachelor's degree (cum laude) and Master's degree (cum laude) in Economics at the University of Utrecht. He finished his dissertation in 2011 on the price uncertainty in the Dutch owner-occupied housing market at the econometrics chair in Utrecht. After that he worked at a large applied sciences research company (TNO) and as a researcher at the Spatial Economics department of the VU University Amsterdam. His research focusses on house price dynamics, house price risk, and more broadly on urban economics. He has published in leading journals in these fields such as Journal of Urban Economics and Journal of Regional Science. Besides lecturing on real estate valuation and real estate investments, he has also been involved in numerous courses on Econometrics & Statistics.

Fonger Ypma is CEO of brainbay, a leading Dutch real estate data company, owned by the NVM Holding (Dutch Association for Real Estate Brokers and Appraisers), and recently spun out. With their rich dataset on the majority of real estate transactions in NL, and rich toolkit for real estate brokers, brainbay aims to become the leading Dutch platform for real estate information and smart, data-driven services. They are one of the market leaders in automated home valuations with their in-house developed machine learning model. Previously, Fonger was Head of Smart Energy Lab at Eneco, a Dutch energy company, where he founded the data science team. Prior to this, he worked as consultant at McKinsey for 5 years, where he gained a broad cross-industry experience, from Telecom and Financial Institutions to Heavy Industry and Energy. Fonger holds a PhD in Mathematical Physics from Oxford University, as well as an MSc in Mathematics and Physics from the University of Amsterdam.





Hans Koster is an associate professor at the [Department of Spatial Economics, Vrije Universiteit Amsterdam](#). Hans obtained his bachelor's degree in Economics at the Erasmus University Rotterdam and his master's degree (cum laude) in Spatial Economics at the Vrije Universiteit Amsterdam. He [defended his Ph.D. thesis in 2013](#) on the economics of the spatial structure of cities. Hans is also a [Leading Research Fellow at the Higher School of Economics in St. Petersburg](#), affiliated as Research Fellow with the [Tinbergen Institute](#), as Research Associate with the [Centre for Economic Performance \(Urban Programme\)](#) at the London School of Economics, and as Research Affiliate with the [Centre for Economic Policy Research](#). Hans's research concerns the economic analysis of cities, regions and the environment. His interests lie in understanding the functioning of housing and land markets, the agglomeration of firms and people within cities, the consequences of place-based policies, income inequality and segregation within cities, as well as the functioning of retail and commercial property markets within cities. Hans's research relies on big data and the use of advanced econometric techniques.

FLOW ■ TRADERS

Flow Traders is a principal trading firm founded in 2004. We are a leading global technology-enabled liquidity provider, specialized in Exchange Traded Products (ETPs). Flow Traders is at the intersection of finance, cutting-edge technology and scientific research. We are able to grow our organization further, thereby ensuring that our trading desks in Europe, the Americas and Asia provide liquidity across all major exchanges, globally, 24 hours a day. Financial markets have rapidly shifted from trading in the pit to algorithmic trading, and our business model has made us an entrepreneurial and competitive firm in the FinTech space. We use our principal technology platform to quote bid and ask prices in thousands of ETP listings. We are also active in other asset classes such as bonds, FX, cryptocurrencies and similar financial products. On top of that, we provide liquidity to institutional counterparties off-exchange across all regions!

Flow Traders stays ahead of the competition by focusing on technology and niche competencies in markets where every second counts. This requires access to the best information and the ability to respond instantly. To achieve this, our team of software developers works in partnership with experienced traders to identify and execute tomorrow's strategies, making Flow a daily pioneer in professional trading.

Contact:

www.flowtraders.com/

*Recruitment:*Europe:

+31 20 799 6799

careers.europe@flowtraders.com

Other: Singapore, New York, Hong Kong
www.flowtraders.com/contact

www.flowtraders.com/careers

FLOW ■ TRADERS***Folkert Joling:***

Chief Trading Officer

Folkert Joling joined Flow Traders as a Trader in 2006, becoming Head of Trading in 2011 and Global Head of Trading in 2016. With eleven years of trading experience, Folkert joined the Management Board as Managing Director and Chief Trading Officer, Folkert is responsible for the development and realization of the Flow Trader's trading strategies, business development, trading processes and the daily trading operations.

Speaker on 8th of April 2021***Charlotte Uljee:***

Recruiter

culjee@flowtraders.com

Present at the event MIBO on 9th of April 2021***Florentine van Lingen:***

Recruiter

fvanlingen@flowtraders.com

Present at the event MIBO on 9th of April 2021***Quirien Raat:***

Trader

qderaat@flowtraders.com

Present at the event MIBO on 9th of April 2021



Da Vinci Derivatives was founded in 2015 by a group of young trading professionals and has since been growing successfully. With our own capital and sound risk awareness we trade listed derivatives on markets globally. We identify opportunities and trade based on in-house developed strategies, and we provide liquidity and efficiency to the markets.

Our philosophy towards work is best captured by the saying "Be good, work hard and great things will happen". We are meritocratic by nature and believe that empowering talent in our organization is the only way forward. We aim at attracting the most qualified people in the industry, train them, provide them with all the required tools, continuously challenge them and allow them to grow both professionally and personally. Our business is highly innovative, IT driven and entrepreneurial by nature. Our goal is to become the best trading company in the world!

Contact:

Claude Debussylaan 16, 1082 MD,
Amsterdam



Recruitment:

+31 20 215 3130
recruitment@davinciderivatives.com
davinciderivatives.com/careers/

**Thierry Rijper:**

Former Market Maker who, after 7-8 years of trading, moved into a managerial position with a heavy focus on business development. Currently responsible for strategically positioning the firm through assessing the external landscape and picking the most suited opportunities.

Speaker on 8th of April 2021

Present at the event MIBO on 9th of April 2021

**Blerina Anastasi:**

Started her career as a lawyer in the financial sector and decided to take on a new challenge by joining Da Vinci as Head of the HR and Recruitment departments.

Present at the event MIBO on 9th of April 2021

**TJ Navilarekallu:**

TJ has a PhD in Mathematics and has won a gold medal in the International Math Olympiad. As Head of Research at Da Vinci he manages the quant team and is responsible for training the new joiners.

Present at the event MIBO on 9th of April 2021

**Margherita Cantele:**

Recently graduated with a master's in human resources management. Now responsible for coordinating recruitment events and maintaining relations with students and study associations.

Present at the event MIBO on 9th of April 2021

Thursday, April 8th 2021

08:45 - 10:30	Opening of the Econometric Game 2021 Presentations from Flow Traders, Da Vinci Derivatives, Brainbay and the Casemaker
10:30 - 18:30	Case 1
18:30 - 18:40	Wrap up of the day
20:50 - 22:00	Short presentations by the committee Jury will announce the finalists

Friday, April 8th 2021

08:45 - 9:20	Opening of day 2
9:20 - 17:00	Case 2
17:00 - 18:15	Finalists case presentations
19:20 - 20:30	Social event for the finalists
20:55 - 21: 55	Announcement of the winners

Aarhus university



The University of Aarhus was founded in 1928 and today is in the absolute world elite in several fields of research. Aarhus University (AU) is one of the world's 10 best universities founded in the past 100 years and has a long tradition of partnering with some of the world's best research institutions and university networks. The AU aims to contribute to solving the global and complex challenges facing the world. Therefore, the University strives to combine the high scholarship of researchers with cross-disciplinary collaboration to combine research in new ways.

Team captain

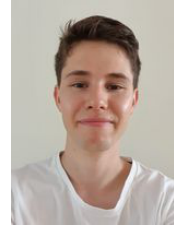
I hold both a Bachelor's degree in public policy and a Master's degree in economics from Aarhus University. For my PhD, I am currently doing research within the field of economics of education and more specifically with a focus on higher education. My ambition for the future is to continue to do research that potentially have a positive impact on society. After last year's cancellation, I am very excited to finally compete in the Econometric Game!



Kristoffer Ibsen

Team members

During my studies the one thing I enjoyed the most so far was writing my bachelor thesis. Applying the econometric tools that one learned to a real world problem was very inspiring, and sparked my interest in doing research. Therefore I hope to finish a PhD in Economics in the future.



Jonas Søndergaard
Sørensen

My current focus is to squeeze information out of the Danish Health Data Registers. However, it has not always been evident for me that registry data was interesting. As a student analyst, I assisted in the development and deployment of decision algorithms for trading in the European electricity market.



Kenneth Kjær

I was enrolled as a PhD student at the Department of Economics and Business Economics at CREATES (Aarhus University) in 2018. My main area of research has been within econometrics and machine learning. Particularly comparing and merging the two methodologies in a high-frequency data setting with a focus on forecasting stock market volatility. During my PhD I had the privilege of being a lecturer for "Programming in Quantitative Economics" offered for BSc econ students. Additionally, I have a master's degree in Quantitative Economics (cand.oecon, IMSQE) from Aarhus University, where a semester was taken abroad at Columbia University.



Mathias Siggaard

Erasmus University of Rotterdam

**Erasmus
University
Rotterdam**



Erasmus University of Rotterdam, named after Dutch humanist Desiderius Erasmus, is located in the eastern part of the city of Rotterdam. Traditionally, the university has had a strong orientation on social studies; Erasmus School of Economics and Rotterdam School of Management are its largest faculties. In 1956, Dutch econometricians Henri Theil and Jan Tinbergen founded the Econometric Institute. This institute was the first research institute in the field of the econometrics in the world.

Team captain

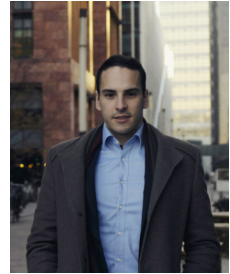
Hi! My name is Terri and I am a PhD candidate in financial econometrics at Erasmus University Rotterdam, where I also obtained my bachelor and master degrees in econometrics. My research interests are financial econometrics, macro-finance, asset pricing and time series analysis. My expertise lies in finance, econometrics, and data analysis. My hobbies are drawing, painting, Chinese language and cinema, hanging out with friends and going to the gym. As a team captain I will make sure we will collaborate well and that we keep up the team spirit!



Terri van der Zwan

Team members

I am a graduate student in econometrics at the Erasmus School of Economics, pursuing tracks in Quantitative Finance and Business Analytics and Quantitative Marketing. I am also research assistant to Dr. Andrea Naghi working on causal inference topics. In the past I also worked as a quant intern at two desks on the trading floor of ABN AMRO. I am excited to solve economic and financial problems and I plan to pursue a PhD or a career in economics or quantitative finance (or combine both in a part-time PhD).



Olivier Mulkin

At the moment I am an econometrics student at the Erasmus University Rotterdam, but I originally started my studies in chemistry. My Master's specializes in Business Analytics & Quantitative Marketing and I am interested in better understanding statistical methodology. Besides studying I enjoy going for walks, reading and cooking during this lockdown period.



Inge Clemens

After finishing my bachelor and master in Econometrics at Erasmus University, I started a PhD trajectory at the Econometric Institute in 2019. In my PhD research, I am working on marketing models for large-scale assortments. The models I develop are designed to predict purchase behaviour of customers and can be used to serve them with personalized promotions or recommendations. In these models, I am combining ideas from classical econometrics with the predictive power of deep learning. In particular, I focus on scenarios where the retailer's assortment contains (at least) thousands of products and most traditional predictive approaches are infeasible to apply.

Luuk van
Maasakkers

Georg-August-Universität Göttingen

GEORG-AUGUST-UNIVERSITÄT
GÖTTINGEN

The University of Göttingen is an internationally renowned research university. Founded in 1737 in the Age of Enlightenment, the University is committed to the values of social responsibility of science, democracy, tolerance and justice. It offers a comprehensive range of subjects across 13 faculties. With over 30,000 students and offering up to 212 degree programmes, the University is one of the largest in Germany.

Team captain

I have a double degree (B.Sc./M.Sc. Mathematics with economics and Teaching degree in Mathematics/History). My biggest strength is my versatility. The topic of my PhD is Replications and Statistical Errors in Economics. Besides my PhD, I work for the Federal Statistical Office of Germany. In the future I want to have a management position.



Chris-Gabriel Islam

Team members

While earning my bachelor's at Saarland University, I quickly found my burning passions to include statistics, econometrics and mathematics. So it was little surprise that I ended up choosing a master's in statistics next. And given how stimulating it has been to work in research and teaching, a PhD in statistics will hopefully follow. Now, since I am unable to go on at length about my own person without feeling like I am boring the audience, I will leave you with a quote to bore you in my stead: "I always have a quotation for everything - it saves original thinking." - Dorothy L. Sayers



Alexander Ritz

Studied Business Administration and Applied Statistics.



Rouven Schmidt

I like to study statistics and I am particular interested in developments in machine learning and anything about Bayesian statistics. What I like in my studies about statistics is to learn and understand interesting methodologies but more importantly to discuss ideas and concepts with other statisticians. For my future I want to further study how to use statistics to explore, understand and maybe also save great challenges of the world. In particular challenges like income inequality and climate change. In terms of climate change I am also interested in how the forests in my region and its wildlife is affected.



Jens Lichter

Harvard University

HARVARD
UNIVERSITY

Harvard is the oldest institution of higher education in the United States, established in 1636 by vote of the Great and General Court of Massachusetts Bay Colony. It was named after the College's first benefactor, the young minister John Harvard of Charlestown, who upon his death in 1638 left his library and half his estate to the institution.

Harvard University is devoted to excellence in teaching, learning and research, and to developing leaders in many disciplines who make a difference globally. The university, which is based in Cambridge and Boston, Massachusetts, has an enrollment of over 20,000 degree candidates. Harvard has more than 360,000 alumni around the world.

Team captain

I am a second-year PhD candidate in Economics at Harvard University. My main research interests are in macroeconomics and finance. Before joining Harvard, I obtained a Bachelor and Master's degree in Economics from Bocconi University in Milan. I really look forward to the 2021 Econometric Game!



Pierfrancesco Mei

Team members

I am from Belarus, but did my bachelor's and master's in Italy (LUISS and Bocconi), both in economics. Somewhere midway, having met a great person and driven econometrician for my bachelor's thesis advisor I started to think about getting a PhD. Now I'm already on my third year at Harvard's Econ PhD program. My interests lie in econometrics and macro broadly. Recently have been concentrating on higher frequency time series problems and empirical macro with US regional fiscal data. Passionate amateur chess addict. Preferred artistic period -- start of the 20th century.



Danila Maroz

I am a first-year PhD student at Harvard, and I previously earned both the Bachelor and Master in Economic and Social Sciences from Bocconi University. At the moment, my research interests span over a (too) large number of topics, from Economic Theory of Social Networks, to Behavioural Economics and Macroeconomics. Thus, I would say that my ambition for the nearest future is to understand what I like most to do research on. Apart from this, in the future I would like to pursue an academic career, to be able to continue to do research on the topics that most inspire me.



Davide Tagliatela

I'm a first year economics PhD student at Harvard University. I previously worked in financial research at J.P. Morgan and majored in physics with a minor in computer science at Princeton. I'm interested in behavioral economics, development economics, and micro theory.



Sejal Aggarwal

Keio University



慶應義塾大学

Keio University

Tokyo, Japan

Established in 1858 by Yukichi Fukuzawa as a small school of Western learning, Keio has a history of Japan's very first private institution of higher learning. Over 160 years since its founding, Keio has thrived under its founder's motto of jitsugaku, or empirical science, as it continues to transform Japan as a modern nation through contributions to education, research, and medicine.

Team captain

I am pursuing a master's degree in management at CEMS program hosted by Keio University, London School of Economics and UCLouvain. Also, at the Master's program in Economics at Keio, I focus on bayesian statistics and blockchain technologies with solidity and substrate. I have work experience at Microsoft and Frost & Sullivan as a full time intern. In the future, I hope to be involved in the implementation of new technologies and contribute to making additional social wealth.



Yuhong Chen

Team members

I am an INTJ with a sheer focus on efficiency, improvement, and achievement. I am highly passionate about frontier technology. I have lived in Asia, Africa, and Europe. I love life.



Renyi Qu

Combining psychometrics with econometrics.



Peter Romero

I am a third year undergraduate student studying at Keio University in Tokyo. I have been passionate about econometrics and it is my pleasure to be able to participate in this contest. In the future, I would like to engage in data analysis to provide enlightening insights into various issues in various contexts. Outside of my academic interest, I am also very passionate about soccer and I have more than 10 years of experience playing and watching soccer.



Julian Kota Kikuchi

Lomonosov Moscow State University



Lomonosov Moscow State University

Moscow State University (MSU) is the first Russian University founded in 1755 on the initiative of Mikhail Lomonosov, an outstanding scientist of the Enlightenment, whose unsettled encyclopedic mind and energy gave the inner impetus to the project. The emphasis is on advancing the applied science. They work hard to preserve their heritage and develop their traditions of a comprehensive approach to higher education and science.

Team captain

I have been studying in Lomonosov Moscow State University since 2013. In 2017, I achieved bachelor's degree with honors in Political science. In 2019, I also got the Master of Economics degree with honors. My graduation work which was devoted to the influence of political institutions on the sovereign credit risks took the first place in the competition of master's theses in our course. Last year I entered graduate school in the specialty of Demography. Now I am currently working on a project for calculating the value of statistical life in Russia. At the same time, I work as a teacher at the Faculty of Economics (Lomonosov Moscow State University) and engage in applied research projects.



Ekaterina Zubova

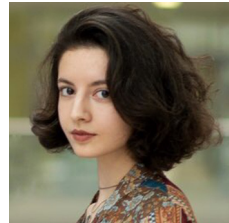
Team members

I study at Moscow State University and work at the Gaidar Institute as a research assistant. My research interests include macroeconomics, labor economics and econometrics. At the moment I estimate the elasticity of labor supply for Russia. In the future, I plan to continue to study science and enroll in PhD.



Alexey Zamnius

I'm a student receiving masters degree at the economic faculty. I'm interested in such research fields as behavioural and institutional economics. I would love to enter PhD programs about statistical analysis and econometric modelling. Currently working as Middle Data Scientist of ad-hoc analysis at X5 Retail Group.



Diana Mirzoyan

I am a first year PhD student at the Lomonosov Moscow State University, Department of Economics and I do some teaching assistant work there as well. I also work as a research assistant at the Institute of Applied economic studies (RANEPA). My main field of interest: socioeconomic problems, budget policy. I do research on inefficiencies in public procurement. In the future I would like to continue my research and apply it in practice to improve the performance of public sector.



Evgenii Matveev

Lund University



LUND

UNIVERSITY

Lund University, founded in 1666, is one of the largest, oldest and broadest universities in Scandinavia consistently ranked among the world's top 100 universities. Lund University has an excellent academic reputation with a large number of visiting professors and international students. The university has 40,000 students and are united in their efforts to understand, explain and improve the world and the human condition.

Team captain

I am a 4th year PhD in applied micro and development economics, taking part in the econometric game for the first time, although it would be my second if not for last year's cancellation. I am sure the econometric game will be a great experience and even better if we make it to the final, or maybe even win! Either way, I am sure we will enjoy it as a team.



Matthew Collins

Team members

Hi, my name is Ester, I'm 22 years old and currently in my second year of my Economics Master at Lund University. Before coming to Sweden, I completed a three years Economics Bachelor in my home country Germany. I am looking forward to participate at the Econometric Game 2021 since I am really curious about econometrics and enjoy teamwork. After finishing my master I am planning to apply for different PhD positions within Europe.



Ester Trutwin

Hey! My name is Natalie, I'm a second year Master student in Economics here at Lund University. I'm particularly interested in microeconometrics and its applications in labor, education and health economics. After completing my Master, I want to pursue a PhD in Economics. When I'm not studying, I like to travel, explore the beautiful Swedish nature or to coach my favorite sport-equestrian vaulting!



Natalie Irmert

I am a third year PhD student specialising in health and labour economics. I use both register and experimental data and am particularly interested in mental health, various aspects of (mis-)behaviour, and intergenerational mobility. Despite spending most of my undergraduate career skiing, I somehow managed to get on to the academic track. After a Masters in Demography & Health and a stint doing research in cancer epidemiology I opted for a PhD in economics – so here I am!



Devon Spika

Monash University



MONASH University

Established in 1958, Monash University is a member of the Group of Eight, an alliance Australian research-intensive universities. Monash has main campuses situated in Melbourne, Australia, with one major campus in Malaysia. As the largest university in Australia by enrollment, Monash has over 83,560 students (2018) across ten faculties. Monash takes its name from General Sir John Monash, a civil engineer, educator and military commander.

Team captain

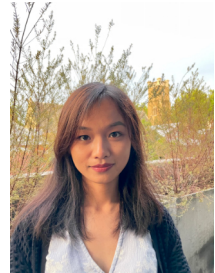
I am a third year PhD candidate in the department of Econometrics and Business Statistics at Monash University. I've moved around a bit, having done some tertiary studies on three different continents. My current research revolves around electricity prices, employing any suitable and applicable econometric techniques. Glad to be participating in EG again, and excited to see how the online version of it plays out for the first time!



Jieyang Chong

Team members

Hi, my name is Shuya Yang. I am a second-year PhD student. I am interested in time series analysis and housing economics. I am a food and board game enthusiast.



Shuya Yang

Fan Cheng is a second-year Ph.D. student in Statistics at Monash University, supervised by Rob J Hyndman and Anastasios Panagiotelis. She has been teaching workshops on R, Python, Unix, HPC, Git, and she mostly uses R for programming. Her research interests include exploratory data analysis, time series analysis, and statistical computing, and she is currently working on manifold learning based on empirical probability distributions.



Fan Cheng

My name is Ryan Zischke, and I am in my third year of a PhD in Econometrics from Monash University, Australia. Growing up in North Queensland, I moved to Melbourne in 2013 to study a double degree in Commerce and Electrical Engineering. I currently research how the sampling variability of parameter estimation translates to sampling variability of model performance, especially for forecast combinations and (forecasting) mixture models. While forecast combinations are the dominant way of combining the results of different models, and while this technique has seen a great deal of success in the forecasting literature and in the Makridakis competitions, I've found that the performance of mixture models converge faster than, and converges to a greater level than, the performance of forecast combinations. While these are promising theoretical results, it remains to be seen whether this result translates to real-world forecasts of finite sample size.



Ryan Zischke

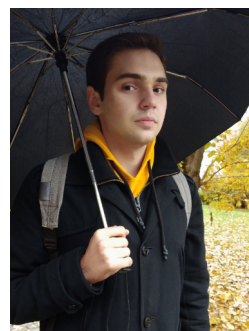
New Economic School



The New Economic School (NES) is a unique Russian higher education and research institute that was established in 1992, to follow the best international practices in research and education in economics and finance. The quality of education at NES relies on strong faculty of Russian and foreign professors with PhDs in Economics and Finance from the world's leading universities. Our School is a community of inspiring individuals, whose aim is to succeed academically, socially and personally. NES enters the best academic rankings.

Team captain

My career goal is to become a professor at a university or research institute since I really appreciate that an academic career provides a special opportunity to be an artist and a realist at the same time. Freedom of scientific creativity is a crucial thing for me. Economics offers me a wide range of toolkits to shed light on the views of society. I could apply these methods in a variety of ways, and this opportunity to choose whatever you find interesting makes me feel great.



Roman Solntsev

Team members

I would like to obtain my master's degree and start working as a quantitative trader and data scientist. My bachelor's degree is in Computer Science, and now I study economics and finance at NES. And I think that it is an ideal background for the career in quantitative finance.



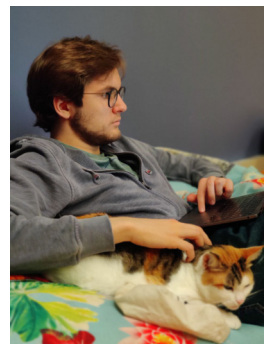
Iakov Grigoryev

Hi everyone! Before learning economics, I studied at Moscow Institute of Physics and Mathematics. It is no surprise since I have loved mathematics from early childhood. This is great that economics provides plenty of opportunities to apply it. This academic module I tried myself as a teacher assistant in the course Consumer Modeling for Marketing Applications, which consists of conventional marketing part and quantitative part of machine learning algorithms. This is very interesting to feel how it is to be on another side. I cannot predict what I will be doing upon graduation. All the skills and knowledge I obtained could be applied in different areas. I might as well become a quant or pursue a further academic career. By the way, my hobbies are running and cycling.



Evgenii Stanchin

Graduated from the Higher School of Economics as a Bachelor of Mathematics. Interested in Development and Microeconomic Theory.



Artemii Korolkov

Norwegian School of Economics



NHH Norwegian School of Economics is one of the leading business schools in Europe. NHH has an internationally recognised research environment and is the first choice for students who want to study business administration in Norway. In close cooperation with the business community and society, we are developing new knowledge and creating values for a sustainable future. NHH has an international profile and cooperates with 195 universities and business schools in more than 50 countries.

Team captain

I'm a PhD research scholar in the rainiest European city (Bergen) which means you have a lot of time to study or do other interesting stuff while it is rainy outside. My research interests include empirical industrial organisation and econometrics. I enjoy being physically active, especially I love yoga. One of my new hobbies is winter swimming. Very refreshing!



Alina Ozhegova

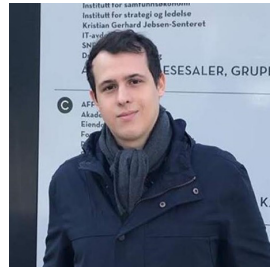
Team members

I am 23 years old, and I have studied at the Norwegian School of Economics in Bergen for almost 4 years. As I was born in Bergen, I consider myself a “local” here at school, despite having lived in Oslo for the most of my life. My favorite subject areas are microeconomics and statistics. After I finish my master’s degree I consider pursuing a PhD in either finance or economics, or perhaps i will do something completely different that excites future me.



Erlend Lund

I was born in Brazil but had been moving back and forth to Scandinavia from a young age. Living in these different countries made it easy to see how life can be wildly different for people depending on where they are born. I've always been curious about getting to know the driving force behind the difference in living conditions. This curiosity has fueled me to pursue studying economics, financial, and political theory to make the world a better place. In addition to knowing the theory, I also believe it is crucial to understand how to use the best tools available to extract information from data. This is why I am passionate about econometrics and programming for data science.



João Vitor de Souza Simão

I am a Ph.D. Research Scholar at the Department of Economics at the Norwegian School of Economics and affiliated to FAIR and Chr. Michelsen Institute. My main research interests are development economics and economics of crime. I am working on a project funded by the Research Council of Norway called the ‘Education for sustainable job creation’ in Ethiopia. In this project, I will develop a randomized field experiment to explore whether and how improved employer-employee relations within medium-sized firms can increase revenues and create jobs. I hold an MA in Economics from the University of Bergen, where I focused on economic shocks and drug-related violence in Colombia. Previously, I have studied Political Economy, Peace and Conflict Studies, Spanish, Portuguese, and Latin-American culture studies in Argentina, Brazil, Nepal, Nicaragua, Portugal, and Spain.



Monica Beeder

Oxford University

UNIVERSITY OF
OXFORD

When you think of Oxford, you probably think "old", "elite", "prestigious", "bizarre" - all correct! Oxford is the oldest university of the English-speaking world. There is no clear data of foundation, but teaching existed at Oxford in some form in 1096! Centuries later, it is still going strong. Today, it has more published authors per square mile than anywhere else in the world. Reputed for being quite an elite university, many think Oxford is quite "snobby". The word snob actually originated here. It comes from the Latin phrase, "sine nobilitate", which means without nobility.

Team captain

I am currently a second-year MPhil in economics student at the University of Oxford. My research interests are in labour and development economics, as well as structural estimation and statistical learning theory. I completed a BSc in mathematical statistics and economics and a MCom in economics at the University of Stellenbosch. In the 2018 and 2019 editions of the Econometric Game I represented Stellenbosch. I have fond memories of herring sandwiches and interesting conversations at the Econometric Game and look forward to doing some econometrics.



Willem Wilken

Team members

I am interested in modelling structural breaks in time series data. I am fascinated by how the economy - and other complex systems - continuously develops and how we could model those changes better.



Jonas Kurle

I was a mathematics-statistics major during my undergraduate education at Columbia University. Back then, I often pondered how the statistical tools we learnt in higher-level courses could be used to help solve real-world problems. Through outside reading and in-person experiences of New York's fierce blizzards, I had a growing interest in climate change and the economics behind it, which took me to Oxford to pursue a Master of Philosophy in Economics. My current research focuses on developing econometric tools that could help tackle non-stationarity in the time series data. I look forward to making some contributions to the field of climate econometrics and policy analysis related to climate change.



Bingchen Wang

After going to high school in the Netherlands I moved to Oxford for my undergraduate degree in Economics in Management. From here I moved onto MPil and then DPhil in economics where I focus on heterogeneity in management practices across firms and the measurement of organisational rules.



Tom Schwantje

Stellenbosch University



UNIVERSITEIT
STELLENBOSCH
UNIVERSITY

The historical oak-lined university town amongst the Boland Mountains in the winelands of the Western Cape creates a unique campus atmosphere, which attracts local and foreign students alike. On the main campus, paved walkways wind between campus buildings - some dating from previous centuries; others just a few years old. Architecture from various eras attests to the sound academic foundation and establishment of an institution of excellence. The Stellenbosch University has a unique character.

Team captain

I have always been interested in utilising complex quantitative techniques to answer important economic questions that affect real people. To pursue this, I am currently busy with MCom in Economics after completing BCom (Mathematical Science) and BComHons (Economics and Mathematical Statistics) degrees. I hope to study further towards a PhD and do research that has an impact.



Zander Prinsloo

Team members

I have a background in Mathematical Statistics and Economics. I am interested in Machine Learning and its usefulness in understanding complex systems often seen in Economics. I am excited to be in an area of research where rapid progress is seemingly being made everyday.



Jonathan Rossouw

My ambition is to become a world-class economist. I graduated cum laude with my economics masters and honours degrees. I have an honours in applied mathematics. Research highlights include: an internationally accredited article on African stock market efficiency; developing a search algorithm to optimise an ESTAR-FFFFF model; studying exchange rate misalignment in a developmental state; forecasting population demographics and migration of blue wildebeest in the Serengeti-Mara; and in April 2020, I discovered evidence of a day-of-the-week effect in new COVID-19 infections. I achieved my University and provincial colours for athletics; and to help pay for my studies, I do portraiture.



David de Villiers

I am excited and interested in the current development in the field of Econometrics: experimental, quasi-experimental and spatial econometrics. I am working toward achieving advanced skills in these areas of specialization to broaden the current understanding of developmental challenges facing poor African countries.

Mkupete Jaah
Mkupete

Universidad del Rosario



Universidad del Rosario

Universidad del Rosario is one of the oldest universities in the Americas, founded in 1653. It has been called "the Cradle of the Republic" because it played an important role in the Independence wars of Colombia, and because at least 28 presidents have studied here. One of the most important scholars in the history of Colombia, José Celestino Mutis, was a professor in Universidad del Rosario. He researched biology and geography 200 years ago, and worked with Alexander von Humboldt in his expedition to South America.

Team captain

I am passionate about mathematical economics, models, and the environment. I expect to start my Ph.D. studies this year. The COVID crisis was a very unexpected shock but my goals remain strong.



Andrés Gallegos

Team members

I am enrolled in economics PhD program. My interests lie around empirical IO. In particular, I am researching about switching costs in telecommunications markets.



Renzo Clavijo

Hi, my name is José Gabriel and I am a PhD student at Universidad del Rosario. I have been doing research on stock markets, sell-side analysts, beliefs updating and financial information acquisition. I hold a master's degree in economics and a master's degree in financial management. Enjoy de Econometric Game.

José Gabriel
Astaiza-Gómez

I studied urban management and development, and since then, I have dedicated myself to working and researching issues of urban policy and spatial segregation. I also love combining quantitative geography with studying phenomena related to the political economy behind public spending on city development. In the future, I would like to continue conducting research on the causes and consequences of urban segregation. I'm also looking forward to doing a Ph.D. in all these topics combined with data science after finishing my master's program.



Guibor Camargo

Universidad Nacional De Colombia



UNIVERSIDAD NACIONAL DE COLOMBIA

The Universidad Nacional de Colombia is a public and national research university in Colombia, established in 1867 by an act of the Congress of Colombia, and it is one of the largest universities in the country, with more than 53,000 students. It grants many academic degrees and offers 450 academic programmes. The university ranks first place in internet presence in the country. It is also among the first universities in the region.

Team captain

Currently working on my thesis which is about a new methodology for constructing instruments in dynamic econometric models with limited information, particularly how my proposal works in error correction models.



Jorge-Enrique
Muñoz-Ayala

Team members

I want to become a university teacher in econometrics, and later I would like to contribute to my country's development as a Government Official.



Luis Luna

I am a PhD student in statistics and I love modeling data, both cross-sectional and longitudinal. In the thesis I am focusing on crossover experimental designs with generalized estimation equations. I want to be able to apply my net knowledge in areas of econometrics and data analytics

Nelson Alirio
Cruz Gutierrez

I'm an economist from the Pontificia Universidad Javeriana in Bogotá, Colombia. During my career I fell in love with econometrics, in particular Time Series Analysis. One of my goals is to leverage the power of Machine Learning for time series forecasting to inform decisions in organizations and policy.

Juan Eduardo
Coba Puerto

Université de Lausanne



UNIL | Université de Lausanne

The University of Lausanne is a higher teaching and research institution with over 450 years of history, composed of seven faculties, and located on the shores of Lake Geneva, in the heart of the French-speaking region of Switzerland. Officially founded in 1911 with an intake of 12 students for the first academic year, HEC Lausanne now has about 3,200 students training to become competent and responsible executives, entrepreneurs or researchers. Both a teaching and research institution, HEC Lausanne also uses research to advise organizations, businesses and policy makers.

Team captain

Hi everyone! I am Jeremy, a third year PhD student at the University of Lausanne, where I also obtained my Master degree in 2018. My research interests mainly lie in labor and public economics related topics, mostly from an empirical perspective. Among others, I am currently working on the topic of duration dependence in job search. After completing my PhD, I expect to keep on working in the research domain, or to work as a policy consultant in a public institution. Beside my PhD, I am passionate about mountain sports and landscape photography in the Swiss Alps.



Jeremy Zuchuat

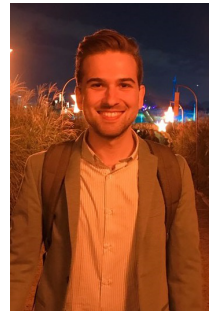
Team members

I completed my Bachelor degree in Economics at HEC Lausanne (University of Lausanne) and Monash University. I am now doing a Master degree in Economics at HEC Lausanne and am also taking part in the QTEM program, which gave me the opportunity to study abroad again at two Finnish universities: Hanken School of Economics and Aalto University.



Nikita Brunner

I am in my second year of master in economics and I have been studying at the University of Lausanne for my whole bachelor and master except for an exchange year in South Korea. I am looking forward to the possibility of starting a PhD program in Economics.



Richard Schmidt

I am a third year PhD student from HEC Lausanne but come from Geneva. My research interests include monetary economics, international macro and times series econometrics. After my PhD, I'd like to pursue a career as an applied economist for central banks and other government agencies. I like politics, play the piano (mostly jazz) and am a true chess enthusiast.



Maxime Phillot

University Carlos III de Madrid



Universidad Carlos III de Madrid was founded in 1989 with a clear commitment to establishing a university center of teaching and research excellence in the south of Madrid. The university has a young faculty trained at leading world universities, whose exclusive professional activity is teaching and research. UC3M has the highest proportion of faculty members receiving positive evaluations of its research by the Ministry of Education, and it is among the top three universities in Spain.

Team captain

I am a Ph.D. candidate with mathematical background who is interested in econometrics. My research areas include semiparametric and non-parametric identification and machine learning techniques.



Telmo Perez-Izquierdo

Team members

I studied my bachelor in Utrecht, worked one year as a research assistant, did a master in Barcelona and finally settled in Madrid for the PhD.



Joël Terschuur

I got my Bachelor's Degree in Economics from Universidad Nacional de Tucumán, located in the smallest province of Argentina. Currently, I am finishing my Master's Degree in Economic Analysis at UC3M. My main research interests are related to Panel Data and Time Series Econometrics. I am just starting my career in Academia and I am learning as much as I can from my professors and colleagues to have a solid formation in data analysis; as all of you, I am eager to work hard to develop nice models and publish interesting papers that can contribute to keeping developing the field of Econometrics. Hope this game is a great starting point in my professional career.

Facundo
Argañaraz

I obtained my bachelor's degree in Economics from the University of Rio Grande do Sul, Brazil. Now I am finishing a master's at Universidad Carlos III de Madrid, where I will also pursue my PhD. My dream is to become a professor in Economics. I am passionate about research related to Labor and Health economics, with special focus on inequality. I want to improve my knowledge on econometric tools so that I can accurately apply them to my research. I am competitive, yet altruistic. I also wish to represent women in the career, and fight to overcome stereotypes.



Camila Steffens

Maastricht University

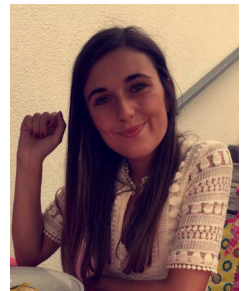


Maastricht University

Maastricht University is the youngest and most international university in the Netherlands and is still growing. The university stands out for its innovative education model, international character and multidisciplinary approach to research and education. Thanks to its high-quality research and study programmes as well as a strong focus on social engagement, Maastricht University has quickly built up a solid reputation. Maastricht University won the Econometric Game in 2011 and 2015.

Team captain

Hi everybody, my name is Dewi and I am a third year PhD student. Currently I am cleaning (sensor) data incorporating distributional properties retrieved from the data source itself instead of posing possibly incorrect assumptions. This is done by applying filters to state space models. The Kalman filter is a well-known and widely used example. I am working with data obtained by Statistics Netherlands in order to improve the estimates they obtained so far. I think this is very interesting because it directly adds value to the current society. I am very interested in modelling and analyzing societal issues such as the current global climate change. It would be great to improve policies on these issues by using (erroneous) data that is increasingly available. It would be such a waste not being able to use this data to the benefit of society.



Dewi Peerlings

Team members

I am quite interested in macro-econometrics and decision analysis and am planning on doing a PhD. When I am not teaching, or studying myself, then I try to go climbing, either bouldering indoors, or doing lead-climbing outdoors.



Enrico Wegner

I decided to study econometrics because I realized how difficult it is to draw conclusions about the real world from observational data alone, especially when it comes to a dynamic system with many interdependencies like our economy. I am not sure if I will do a PhD or will go to work outside of the University after my Master's degree, but I definitely want to be somewhere where I get to use data to figure things out.

Erik Tharsis
Rossbach

I did my Bachelor's and Master's in Econometrics at Maastricht university, and I enjoy it so much that I decided to do a PhD. I'm currently in the process of getting my first paper published, and if everything goes according to plan, I'll graduate next year.



Robert Adamek

University of Amsterdam

UNIVERSITY
OF AMSTERDAM

The University of Amsterdam is one of Europe's most prominent research-led universities with a long and rich history dating from 1632. Almost four centuries after its founding, the UvA has grown into a university with a leading reputation in the international world of science. The university is home to over 30,000 students, with over a hundred different nationalities.

Team captain

My name is Eva Janssens, I studied Econometrics at Erasmus University Rotterdam, after which I've decided to pursue a PhD at University of Amsterdam. During my PhD, I am working on the identification and estimation of macroeconomic models with heterogeneous agents.



Eva Janssens

Team members

Two years ago, when I was still a student in the BSc Econometrics, I was in the Econometric Game committee myself. Because of that, I can appreciate even more the honour of being asked to represent the UvA for this year's edition. I am currently finishing up the Double Degree programme MSc Econometrics & MSc Stochastics and Financial mathematics: During the EG, I will only have my thesis remaining. Originally my plan was to find a job in financial risk after graduation, but now I am very seriously considering pursuing a PhD. Winning the EG would probably help with being admitted to a PhD position :)



Bud Schiphorst

Hi everyone, my name is Robert Verschuren and I am a PhD Candidate in Econometrics & Actuarial Science at the University of Amsterdam. My research focuses on predictive analytics for non-life insurance and aims to further refine all aspects of non-life insurance pricing on the level of individual policyholders. In my spare time I like to go for a walk or run and enjoy cooking, and I look forward to participate in this year's Econometric Game.

Robert
Verschuren

Hi! My name is Bas, MSc Financial Econometrics student at the University of Amsterdam. Before starting the MSc in September 2020, I finished the BSc Finance and the BSc Econometrics at the University of Amsterdam. My main interests lay in the financial markets, and more specifically in the usage of econometrics to predict the movements in the price of financial assets. Moreover, I am also interested in the application of econometrics to forecast the effects of e.g. economic policy. I am looking forward to compete in the Econometrics Game 2021!



Bas van Kesteren

University of Antwerp



University of Antwerp is a major Belgian university located in the city of Antwerp. The university has about 20,000 students, which makes it the third largest university in Flanders. The University of Antwerp is characterised by its high standards in education, internationally competitive research and entrepreneurial approach. It was founded in 2003 after the merger of three smaller universities.

Team captain

My name is Joel, I was born in Detroit, Michigan, a city known for automobiles and a strong, thriving economy. After finishing my undergraduate degree at the University of Michigan, I decided to take some time to see other parts of the world and spent two years teaching in France. I eventually made my way north to Belgium where I received my master's degree and continued on to become a doctoral student at the University of Antwerp. In the future I hope to travel to new places and continue with the research that inspires me to learn more each day.



Joel Carr

Team members

I am Ekin, I was born in Ankara, Turkey. After finishing my undergraduate degree at Marmara University, I obtained my master degree in economics from the University of Pisa & Scuola Superiore Sant'Anna in 2017. Currently, I am a P.hD. student at the University of Antwerp.



Ekin Yurdakul

My name is Ines and I am from Antwerp, Belgium. I obtained my bachelor's degree here at the University of Antwerp. During this period, I also went on exchange for one semester to Prague, which was a wonderful experience. Now I am back home, pursuing my master's degree in Economic Policy. I will be graduating in a few months, but I am not sure yet what I want to do afterwards. Hopefully, I will find something challenging and full of new opportunities.



Ines Homburg

Hi! My name is Inés and I am a master's student in social and economic sciences. I have been studying in Antwerp for four years and I absolutely fell in love with the city throughout the years, because of its beautiful architecture and amazing people. I am mainly interested in labor economics and labor market policy, which is also the field I am specialising in. For the future I am hoping to continue in research, either in academics or for the government. I am always eager to learn and definitely excited for what's ahead!



Inés Guillemyn

University of Bristol



University of BRISTOL

The University of Bristol is a red brick research university in Bristol, England. It received its royal charter in 1909, although it can trace its roots to a Merchant Venturers' school founded in 1595 and University College, Bristol, which had been in existence since 1876.

The University of Bristol is ranked 49th by the QS World University Rankings 2020, and is ranked in the top 10 of UK universities in 2020 by QS World University rankings, Times Higher Education, and ARWU. The University of Bristol was the second most targeted university by the UK's top 100 employers, according to the Graduate Market in 2019 report produced by High Fliers.

Team captain

I am in the third year of my PhD, this will also be my third time taking part in the Econometrics game. I am interested in network econometrics, currently in the application of the transaction networks that emerge within cryptocurrency blockchains.



Diego Lara

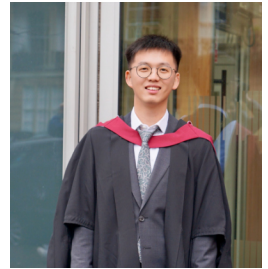
Team members

I am interested in the job polarization and migration of labor economics, especially how rural workers match their job when coming to cities. In the future, I would like to find a job to carry on my research and be happy everyday.



Yang Xu

I made a transition from a BSc in Management Information System to do a PhD in Economics. I enjoy using Econometric models to explore humanity. That is the beauty of Economics.



Xu Mingyao

I am currently studying the effects of weak instruments in a nonparametric instrumental variables setting. Previous research has looked into overidentification testing in weakly identified linear models.



Stuart Lane

University of Cambridge

UNIVERSITY OF
CAMBRIDGE

Founded in 1209, the University of Cambridge still cherishes and lives its many traditions, of which the pursuit of academic excellence is one, though far from the only. The university is formed from a variety of institutions, including 31 constituent colleges and over 100 academic departments. The mission of the university is to contribute to society through education, learning and research at the highest international level.

Team captain

Curiosity and dedication define me as a student. Understanding causal relations in our world based on observations has fascinated me way before the start of my studies at university. I used this fascination throughout my Undergraduate, Research Master and now in my PhD (all in Cambridge, UK) to develop wide-ranging skills in econometrics. Now I research new forms of causal identification with implicit factors, which allow for model adaptive inference. I look forward to the econometric game, because as a student I relish the exchange of diverse ideas in an international environment.



Christian Tien

Team members

Hello! I am Ofelya. I come from Armenia, where I completed my undergraduate studies, gaining background in economics, mathematics, and business. I have always had big passion for mathematics, and wanted to see practical applications of it in solving real life problems. Economics is the field where I can combine my quantitative skills and intuition to understand many everyday issues. Now I am a happy student at the University of Cambridge. I studied Advanced Diploma in Economics course last year and now I am doing MPhil in Finance and Economics course. My interests are diverse: I love econometrics, finance and microeconomics. That is why sometimes it is hard for me to choose a specific career path. I might end up in consulting but maybe in investment banking or somewhere else!



Ofelya Gyozyalyan

I studied economics and finance as an undergrad, economic research during MPhil and now studying PhD in economics, specializing in econometrics. My interested topics include dynamic panel data, IV, sparsity-related statistical methods and causal inference. I'm currently working on Covid-related projects as well. I have some internship experiences working in security companies and journalism and once was as a surveyor cycling around Shanghai interviewing people and gathering data. All these experiences are fun but for now, not very sure about the career path after PhD, I think I will just go where my interests/fate take me.



Mingmei Xiao

Following my masters I plan to join an economics consultancy where I can continue to perform economic and financial modelling and leverage some of the economic skills and techniques learnt in my degree.



Will Styles

University of Copenhagen



UNIVERSITY OF COPENHAGEN

The University of Copenhagen was inaugurated on June 1st, 1479, after King Christian I was granted approval for its establishment by Pope Sixtus IV. With over 40,000 students and more than 9,000 employees, the University of Copenhagen is the largest institution of research and education in Denmark. The purpose of the University – to quote the University Statute – is to ‘conduct research and provide further education of the highest academic level’. Today University of Copenhagen is formed by approximately one hundred different institutes, departments, laboratories, centers, museums, etc. scattered around a handful of different locations in Copenhagen. The Economics program (Cand. polit) was founded in 1848 and aimed at training skilled civil servants for the various governmental institutions in Copenhagen. Situated between one of the popular city lakes and the botanical garden the Department of Economics welcomes around 300 bachelors students a year.

Team captain

I love to solve life cycle models, and I hope to do this a lot more in my future.



Malene Laczek

Team members

I am working as a research assistant at the university, as well as teaching in Macro, Micro and Econometrics. I would like to work with doing statistical work and trying to make interesting and clever models either as a PhD student or working in the labour market.



Karl Wilhelm
Tjensvoll

My main research interest is structural estimation and discrete choice models. I am currently affiliated the research program in generalized entropy models for spatial choices at University of Copenhagen. The program has received the prestigious Advanced Grand from the European Research Council.



Esben Scriver
Andersen

Even though it has been a while since I considered a large-scale empirical analysis myself, I am looking forward to the challenge of Econometrics Game 2021. I aspire to become a leading expert in my chosen field of financial econometrics and time series analysis. My areas of research are: Financial Econometrics, Time Series Analysis, Volatility Modelling and Bootstrap Methods. As a teaching assistant, I have taught a number of introductory courses at the B.Sc. level along with some econometrics courses at the M.Sc. level.



Sigurd Thorsen

University of Melbourne



THE UNIVERSITY OF MELBOURNE

Founded in 1853 by an Act of the Victorian Parliament, the University of Melbourne is a thriving internationally acknowledged research University. The University is the oldest university in Victoria and the second-oldest in Australia. Beginning as a cluster of buildings set in a large park on the fringe of the city, with four professors and 16 students, today over 8000 academic and professional staff support a vibrant student body of more than 48 000. The University of Melbourne won the last Econometric Game in 2019.

Team captain

Hi, my name is Xuan Vu. I have a bachelor's degree from Vietnam National University and master's degrees from the University of Melbourne. Currently, I am a 3rd year PhD student at the University of Melbourne. Before joining the graduate program, I had experience working as a lecturer at Vietnam National University of Agriculture. I am passionate about Bayesian econometrics, macroeconomics, and machine learning. My current research investigates the temporal evolution of bank size distribution and its macroeconomic effects.



Xuan Vu

Team members

I completed a Bachelor of Business/Bachelor of Arts in International Studies at UTS before moving to the University of Melbourne to complete my Masters in Economics and eventually continuing into their PhD program. I love the challenge and creativity involved with empirical problems and hope to be working on empirical economic research that makes a real difference.



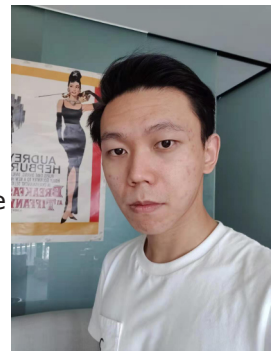
Dean Hoi

Hi folks! I'm Xinran Hu, a second year master student who would further pursue a Ph.D. degree in the future. I am currently interested in development research, especially how policies that are not directly economically oriented may influence the decision making of the poor, and what policies could induce the adequate incentives among the targeted population. Currently I'm hoping to become an economic researcher in the future, and potentially work for some university so that I would be able to inspire more people about how fun and inspiring economic research could be!



Xinran Hu

Did economics across my university life. Hope to become an economics researcher in the future.



Huan Wang

Université d'Orleans



UNIVERSITE D'ORLEANS

The University of Orléans is a French university, in the Academy of Orléans and Tours. It was founded in 1306 by Pope Clement V, and is one of the oldest European universities. It closed the doors during the French Revolution in 1793, and came back in the 1960s with the creation of a campus in the South of Orléans. Since then, it has developed and expanded in the 6 countries in the Centre-Val de Loire region.

Team captain

After three years of bachelor in economics and management, I did a master degree at the university of orléans (Econométrie et Statistique Appliquée). I am now in my third year of PhD, and I would like to be a professor in a french university in the future.



Sullivan Hué

Team members

I obtained a bachelor degree in Economics at the University of Orléans and I'm currently finishing a master degree in Econometrics and Applied Statistics. I really enjoy discovering and learning new concepts which explains why I want to be a research worker.



Sébastien Saurin

Having a keen interest in mathematics/statistics, IT and business I decided to start my university journey as an undergraduate student in Economics and Management at the university of Orléans, France. In 2019 I was enrolled in Econometrics and Applied Statistics Masters program at the same university. Currently I am doing my internship at Deloitte with the Governance, Risk, and Compliance (GRC) team. We are working on the implementation of interpretable and explainable Artificial Intelligence algorithms to enable an organization to reliably achieve objectives, address uncertainty and act with integrity.

Naira
Hambardzumyan

Completing a PhD in financial econometrics.



Wassim Le Iann

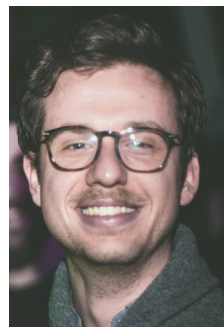
Università Degli Studi Firenze

UNIVERSITÀ
DEGLI STUDI
FIRENZE

The University of Florence is one of the most important Italian public university with a strong international vocation. It is located in a lively and active city which is an important cultural centre boasting a glorious past and an artistic exceptional heritage. The Department of Statistics, Computer Science, Applications "G. Parenti" (DiSIA) at the University of Florence is among the 180 excellent Italian university departments that access ministerial funds for the five-year period to strengthen and enhance the excellence of their research and teaching.

Team captain

Hi! I'm Giulio, second year Ph.D. student in Statistics at the University of Florence. Graduate in Economics and Development, I worked as economic researcher in Tuscan region before I started this brand new activity at university. Currently I'm working on causal inference in non-trivial settings, such as networks and longitudinal studies, with an eye on policy evaluation. Therefore, an appropriate description of my work could be: "In God we trust, all other bring data"!



Giulio Grossi

Team members

I am a second year PhD student in Statistics at the University of Florence. My main research interests are focused on the use of causal inference in complex settings (e.g., in the presence of network interference, non-compliance, truncation by death, treatment switching) to conduct public policy and program evaluations but also to analyze the results of clinical trials.



Silvia Noirjean

My name is Giuditta, I am 23 and I live in Tuscany, Italy. I achieved my bachelor's degree in statistics with honors in University of Florence with my thesis "A data warehouse for the management of FirenzeCard data". I am currently pursuing my master's degree in statistics and data science, also in Florence. Since high school I have always participated in all the extra-curricular activities, both scientific and humanistic, which could enrich me professionally and as a person. A couple of years ago I attended an international course in geographic information systems, and I have been studying them ever since. Besides data analysis and visualization, my main area of interest is data architecture and working with raw data.



Giuditta Calussi

Currently I'm attending the Master Course in Economics and Development, with a Bachelor Degree in Economics and Business as a background. I've always been an outgoing student, loving to work in groups and to create relationships with course mates. Since bachelor years, I've developed interest in the macroeconomic policies in the EU, which was my thesis topic; maybe it comes from here my "youth dream" to have a future job into the EU institutions. During the Master, my interests spread also on the micro side, especially in competition policy and contract theory. But my most recent "crush" is the economics analysis of energy, hoping to be selected for an internship project about these issues in 2021.



Lorenzo Santini

Tor Vergata University of Rome



TOR VERGATA
UNIVERSITY OF ROME

Tor Vergata University of Rome, also known as the University of Rome II, is a public research university located in Rome, Italy. Its current president is Giuseppe Novelli, a professor in the Faculties of Medicine and Surgery. It was established in 1982 with the goal of providing high-quality education for students preparing to meet the ever-evolving needs and opportunities of the 21st century workforce. Located in the southeastern suburb of Rome, the university combines a liberal arts tradition with emphasis on career orientation in the field of Economics, Engineering, Sciences and Medicine. Many professors of the university are important members of the Italian cultural and political environment.

Team captain

I am 24 and I always studied in Italy . I am mostly passionate about hysteresis in unemployment. I would like one day to become a professor and I plan on having an accademic career. Wish me luck!



Raimondo Pala

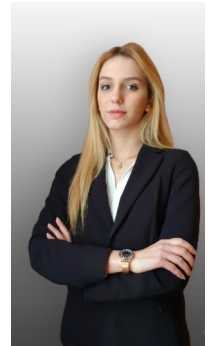
Team members

I am a very committed student. My research interests are related to financial econometrics. I plan to pursue a doctoral degree in finance after completing my Master Program. My long-term career objective is to become an academic researcher in the field of finance.



Federico Marciano

I got a bachelor's degree with honours in Economics and Management and currently I am in the second year of MSc in Finance and Banking at University of Rome Tor Vergata. Since the beginning of my education, I have been fascinated by the powerful applications of quantitative and mathematical methods to Economics and Finance. I am a member of Tor Vergata University team participating in the CFA Institute Research Challenge 2021. During my studies, I had the opportunity to learn how to use coding software such as Stata, R, Matlab. My ambition for the future is to make my knowledge available to financial institutions, paying particular attention to the value creation through sustainable investing.



Michela Fiore

Hi! My name is Riccardo, and I am a PhD Student in Economics and Finance from Tor Vergata University of Rome. My research interests concern Applied Microeconomics and Econometrics. My (maybe trivial) main ambition is to be a Full Professor one day, even though I secretly dream to become a Chess Master.

Riccardo di
Francesco

University of St. Gallen



University of St.Gallen

The University of St. Gallen is a research university located in St. Gallen, Switzerland. Established in 1898, it specialises in business administration, economics, law, and international affairs. It is known as HSG, an abbreviation of its former German name Handels-Hochschule St. Gallen. In 2016, it had 8,337 students, of which 3,097 were master's students and 675 doctoral students. According to international rankings, the university is considered among the world's leading business schools. Although one of Switzerland's smallest universities, HSG has Switzerland's largest faculty for business administration. HSG also has among the most billionaire alumni in the world.

Team captain

I am a PhD Student in the Econometrics track at the University of St.Gallen, but am still living in my hometown Zurich. With a background in statistics and in computational science & engineering, my dive into economics was a cold start, but I'm becoming acclimated more and more. My research interests are in both, developing new estimation techniques and the application of state-of-the-art methods to tackle everyday problems.



Sandro Heiniger

Team members

I started my studies in 2012 with a bachelor's program in economics at the University of St. Gallen. In 2016 I started a master's program in quantitative economics and finance, during which I did an exchange semester at the University of Copenhagen. Right after, in 2018, I started with the PhD. My research focus is on education economics, with a particular interest for peer effects and network analysis in this context. My future plans are to possibly remain in academia, or, if anything, continue doing research.



Fanny Puljic

I'm a second-year master's student in Economics and Finance at the University of St. Gallen. After my master's degree, I will directly start with my Ph.D. at the University of St. Gallen. I am especially interested in causal econometrics, labor and gender economics. Next to my studies, I like to go skiing and climbing.



Nora Bearth

Hi! My name is Mila, I am a second-year master student of the Quantitative Economics and Finance program at the University of St. Gallen. Two years ago, I graduated from the International College of Economics and Finance, a double-degree program of National Research University Higher School of Economics and the University of London under the academic direction of the London School of Economics. I am currently working as a student research assistant at the Chair of Financial Econometrics at the Faculty of Mathematics and Statistics of the University of St. Gallen, and I am planning to continue my work and studies as a PhD student.



Liudmila Gorkun-Voevoda

Tilburg University



Tilburg University was established in 1927 and it is located in the southern part of the Netherlands. Under the motto of 'Understanding society', its more than 1,500 employees develop knowledge, transfer it to others, and bring people from various disciplines and organizations together. In this way, they want to contribute to solving complex social issues. Our focus areas are economics, business and entrepreneurship, social and behavioral sciences, law and public administration, the humanities and digital sciences, and theology.

Team captain

I obtained my Master's degree in Economics with Cum Laude and the Research Master's degree in Economics with Cum Laude, both from Tilburg University. In 2019, I started my Ph.D. My fields of interest are applied microeconometrics, household economics, and expectation formation. My research focuses on utilizing subjective data that are available from the survey to solve several econometrics problems. In my first project, I developed a model to infer people's subjective survival expectations from the survey questions. I compared that with people's actual survival rates and concluded that people's misperception regarding their survival expectations let them allocate their resources suboptimally over their life-courses. Currently, I am working on developing a method to control anticipation effects related to policy evaluation literature. My current project aims to show that the total policy effects can be identified without any belief formation assumptions when there is an anticipation. Besides my research, I plan to improve my data science skills in the next couple of years. After my Ph.D., I am willing to pursue a career in academic fields.



Lkhagvaa
Erdenesuren

Team members

I chose to do a PhD since I like doing research a lot and I would like to pursue an academic related career.



Lieke Beekers

I want to build my career as a researcher. I am interested in applying Econometrics for various research questions. I have an interest in Health Economics and would like to work on development and health related issues.

Shobhit
Kulshreshtha

My current areas of interest are empirical industrial organizations and structural econometrics



Ali Eren Çamur

University of Warsaw



Taking into account the total number of research universities that reaches 20 thousand, the University of Warsaw is among the top 3% of the world's best universities. According to international rankings, it also is the best university in Poland and one of the leading ones in this region of Europe. Approximately 45,400 people study at the University of Warsaw. The University is located in the capital of Poland, one of the most dynamically developing European cities.

Team captain

PhD student at the Interdisciplinary Doctoral School at the University of Warsaw, pursuing a PhD in computer science, finance and psychology. It focuses on verifying the usefulness of financial simulations (in real and artificial systems, such as, for example, computer games) built on the basis of reinforcement learning. Previously involved in a series of research projects aimed at researching market risk models. On a daily basis, dealing with the implementation of various systems based on machine learning for business purposes. Personally, passionate about machine learning, financial markets, computer games and electronics.



Mateusz Buczyński

Team members

I am a Data Science student at the University of Warsaw. I am planning to start a PhD program at our university in the near future, within the area of quantitative modeling of market risk.



Michał Woźniak

Graduated from Data Science program. Studying law simultaneously. PhD thesis takes into consideration analysing the effectiveness of the Polish juridical system using machine learning tools.



Maciej Światała

I finished my bachelor studies at the University of Warsaw on individual programme of studies. My main fields were: econometrics, computer science and data science. I also represented my university on the Rotman International Trading Competition in Toronto, Canada, where we obtained 5th place. Currently I work in credit risk modelling as a Python developer. In the future I would love to start my own company supporting businesses with the data analytics and recommend data driven decisions.



Mateusz Kijewski

Vrije Universiteit Amsterdam



The Vrije Universiteit Amsterdam, which literally means 'Free University', was founded in 1880 by Abraham Kuyper. The word 'free' in the name comes from the fact that it was founded as an independent university, free from involvement of the state and the church. In 1987 the econometrics department joined the faculty, although it already existed before that.

Team captain

I'm Quint Wiersma, currently a second year PhD candidate at the Econometrics and Data Science department of VU Amsterdam. Before starting the PhD I completed the MPhil program at Tinbergen Institute and obtained a BSc in Economics and Business from the VU. I'm interested in high-dimensional modelling and big data analysis. In my research I mainly use state space methods and regularization techniques. In my free time I enjoy going for a run and spending an entire day in the kitchen, especially cooking Asian dishes. I always try to explore new places through their food scene.



Quint Wiersma

Team members

I am Mariia Artemova, a PhD student at the Department of Econometrics and Data Science at the Vrije Universiteit Amsterdam and Tinbergen Institute. Before starting my PhD I received a research master at the Tinbergen Institute with major in Econometrics. I am primarily interested in time series econometric theory and econometric modeling with applications to macroeconomic and finance questions. Particularly, in my research, I focus on observation-driven and factor models. In my free time, I enjoy traveling by bicycle and exploring new places. I am also keen on hiking and top climbing.



Mariia Artemova

I am Arne Platteau, a master student in Econometrics and Data Science at the VU Amsterdam. I am Belgian and did my bachelor and first master at Ghent University, in Business Engineering, during which I also spent a semester at Stellenbosch University in South Africa. I worked for several years in consulting, mainly working for public clients regarding energy economics and regulation. Upon graduation, I hope to return to the energy sector and contribute to the energy transition with data-driven methods. Besides econometrics, I like running, jazz guitar, and photography.



Arne Platteau


I hope to spend a career in much the same way I hope this competition will pan out; learning from my peers, making impact and having fun.



Niels Ota



VSAE

 UNIVERSITY OF AMSTERDAM
Economics & Business

FLOW  TRADERS


brainbay

 **Da Vinci**
DERIVATIVES

 AMSTERDAMS UNIVERSITEITSFONDS