

# AMIL CAMILO MOORE

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DOB: 05/07/1997 ◇ United States Citizen ◇ Dominican Citizen

## RESEARCH INTERESTS

**Primary Fields:** Behavioral and Experimental Economics, Political Economy

**Secondary Fields:** Applied Economics, Game Theory, Networks

## REFERENCES

**Rosemarie Nagel** (Advisor)  
BSE, ICREA, BESLAB, UPF  
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**Fabrizio Germano** (Advisor)  
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**Marta Reynal-Querol**  
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## EDUCATION

### Universitat Pompeu Fabra

2021-2026

Ph.D. in Economics (advised by Fabrizio Germano and Rosemarie Nagel)

### Universitat Pompeu Fabra

2020-2021

Master of Research in Economics (Ph.D. Track, Year 2)

### Barcelona School of Economics

2019-2020

Master of Economics and Finance in Economics (Ph.D. Track, Year 1)

### University of Central Florida

2016-2019

Bachelor of Science in Economics (minor in Mathematics), *Cum Laude*, Honors, Honors-in-the-Major Thesis: “A Model of Low-Risk Piracy” (Roberto Burguet, chair), Awarded R. Glenn Hubbard Award

## WORKING PAPERS

### “The Origins of Inequality: A Natural Experiment in Minecraft” (Job Market Paper)

**Abstract:** *I study the emergence of inequality in a natural experiment in Minecraft, a massive multiplayer video game where players make hundreds of thousands of economic decisions in real-time. I use machine learning methods and activity and location data to estimate how random assignment of starting locations affects economic outcomes at the individual and group level. I find that the composition of food sources produced in a starting location has a significant causal effect on the level of inequality within groups of closeby players; the emergence of inequality depends on the interaction between four properties of food production: capital intensity, appropriability, renewability, and land dependence. Exposure to capital-intensive renewable food sources increases within-group inequality, primarily by raising outcomes for top earners at the expense of those at the bottom. These factors also have a significant effect on economic growth and wealth accumulation. I provide causal evidence in favor of historical theories of inequality, in particular, ones that suggest that capital-intensive highly appropriable food leads to long-term economic inequality.*

### “Understanding Human Behavior via Similarity: A Geometric and Behavioral Rules-based Approach to Games” with Fabrizio Germano and Rosemarie Nagel

**Abstract:** *We study similarity in the complete set of one-shot two-player  $2 \times 2$  games with payoffs from  $\{1, 2, 3, 4\}$  without replacement. Similarity is defined geometrically via a neighborhood structure on games and continuity of behavior, and is applied to both theoretical rules, such as Nash equilibrium or level-k reasoning, and to experimental data. This yields theoretical and empirical similarity classes of games. We conduct a large-scale experiment, in which each subject plays all 144 games in our class. We find that empirically inferred similarity classes diverge sharply from those predicted by Nash equilibrium and dominance reasoning. Yet, they align closely with a level-k variant, with deviations reflecting fairness and efficiency concerns. At the individual level, subjects’ play can be*

*classified according to primary and secondary rules, conforming with either level- $k$  ( $0 \leq k \leq 5$ ) or a fairness and efficiency-based heuristic. The main insights extend to strategic settings beyond our  $2 \times 2$  games.*

## WORK IN PROGRESS

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“Fair and efficient: re-evaluating normal-form games with Near-Equal Split” with Rosemarie Nagel.

## INVITATIONS, CONFERENCES, AND PRESENTATIONS

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*ASSA Annual Meeting* (2024) (Discussant) in San Antonio; *BESLAB Computational and Experimental Economics Summer School* (2022) in Barcelona; *BESLAB Experimental Economics Summer School in Macroeconomics* (2024) in Barcelona; *BSE Jamboree* (2022, 2023, 2024); *BSE Summer Forum: Preferences, Bounded Rationality, and Strategic Interactions* (2024); FSU Experimental Economics Seminar (2023); *IMPRS BeSmart Topics Workshop* (2023) in Barcelona; Stony Brook International Conference on Game Theory (2025); UPF Internal Applied Seminar (2024, 2025); UPF Internal Micro Seminar (2022); UPF Internal Statistics Seminar (2023)

## RESEARCH EXPERIENCE

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### Dept. of Economics and Business, Universitat Pompeu Fabra (Barcelona, Spain)

*Research Assistant – Fabrizio Germano*

*Oct. 2025 –*

- Provided technical and statistical support for research projects in behavioral game theory, especially in analyzing data from experiments in normal-form games.

*Teaching Assistant / Seminar Instructor*

*Oct. 2021 –*

- Intro to Game Theory (2021/2022Q2, 2023/2024Q2, 2025/2026Q2), Microeconomics III (2021/2022Q3), Intro to Microeconomics (2022/2023Q1), Intro to Economics (2025/2026Q3), Data Analysis (2022/2023Q1).

*Research Assistant – Marta Reynal-Querol*

*Sep. 2020 – Dec. 2020*

- Jointly with a team of assistants, we collected and organized census data from historically significant cities in Latin America to determine the effect of Spanish colonialism on current economic outcomes.

### Dept. of Economics, University of Central Florida (Orlando, Florida)

*Teaching Assistant*

*Jan. 2018 – May 2019*

- Intermediate Microeconomics (Spring 2018), Quantitative Business Tools II (Fall 2018, Spring 2019)

*Research Assistant – Melanie Guld*

*Jan. 2018 – Jun. 2018*

- Compiled legislative histories, and organized and collected data for research in health economics; the largest project involved a county-level panel dataset of alcohol laws from 1990 to 2018 in the United States of over 10k observations.

### Pfau Englund Nonprofit Law, P.C. (Orlando, Florida)

*Research Assistant – Sandra Englund*

*Oct. 2015 – Jan. 2018*

- Updated and compiled workplace policies in order to help clients remain tax compliant based on the latest federal and state tax policy in the United States.

## OTHER EXPERIENCE

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### Parent Booster USA / RENOSI, Inc. (Orlando, Florida)

*Midwest Regional Lead*

*Oct. 2015 – Jan. 2018*

- Educated and assisted more than 300 non-profit charities across the Midwestern United States and Texas in maintaining their 501(c)(3) federal tax-exempt status as well as state tax exemptions.

## TECHNICAL STRENGTHS

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Software	Python, R, MATLAB, oTree, SQLite/MySQL, HTML, Lua, C, Qualtrics, Stata, Javascript
Methods	Experimental design, graph theory, game theory, database management, machine learning
Languages	Spanish (native), English (fluent), Latin (intermediate)
Hobbies	TTRPGs (Cyberpunk RED & DND5E), Theatre, Dance (Salsa & Bachata)