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## MATHIS SANSU

PhD student in Economics

French Institute for Demographic Studies - Paris-Panthéon-Assas University

**Research areas:** Family economics, economics of inequalities, applied microeconomics,  
computational social sciences

### REFERENCES

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**Prof. Marion Leturcq (Advisor)**

Economic Demography Unit  
French Institute for Demographic Studies  
[marion.leturcq@ined.fr](mailto:marion.leturcq@ined.fr)

**Prof. Nicolas Frémeaux (Advisor)**

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**Prof. Bertrand Garbinti**

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Center for Research in Economics and Statistics - ENSAE Paris  
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### CURRENT POSITION

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**Title:** PhD student in Economics  
*Household Wealth Structures and Wealth Transfers Behaviors in a Life-course Approach*

**PhD supervisors:** [Marion Leturcq](#) and [Nicolas Frémeaux](#)

**Doctoral school:** Doctoral School of Economics, Management, Information and Communication, ED455

**Affiliations:** **French Institute for Demographic Studies**, Economic Demography Unit  
**Paris-Panthéon-Assas University**, Mathematical Economics and Applied Microeconomics Lab

**Keywords:** *wealth ; transfers ; family economics ; population economics ; inter vivos gifts ; life events ; life course ; inequalities ;*

## FORMATION

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- 10/22 - **INED & Paris-Panthéon-Assas University**, PhD student in Economics
- 02/24 - 05/24 **DIW Berlin**, invited PhD student. Hosting supervisor: [Philipp Lersch](#)
- 09/21 - 08/22 **Versailles Saint-Quentin-en-Yvelines University**, Master degree in Quantitative Sociology and Demography
- 02/21 - 07/21 **Bologna University**, Political sciences & Economics
- 09/18 - 08/22 **ENSAE Paris**, engineering curriculum, Data science & Social sciences

## ONGOING RESEARCH

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### **Gendered Wealth Trajectories across Union Dissolution**, joint with [Marion Leturcq](#) and [Simon Rabaté](#) [[Draft](#)] [[Slides](#)]

Adverse life events, such as union dissolution, can lead to an exacerbation of socio-economic inequalities. Although it is documented that wealth can act as a buffer, quantitative evidence on wealth trajectories following union dissolution is lacking. As former partners may unequally redistribute assets and liabilities, union dissolution may be a key moment in life course wealth accumulation. Using Dutch register data, we estimate the short-term effect of union dissolution on net per capita wealth trajectories using a stacked event study design. After union dissolution, women's wealth decreases while men's wealth increases. The mechanisms underlying these trends are opposite: men have an increase in per capita liabilities but an even larger increase in per capita assets, while women's decrease in assets is larger than their decrease in liabilities. We discuss the existence of recovery channels, namely inter vivos gifts, which act as informal insurance for a specific subpopulation, and repartnering. For women, these recovery channels mitigate the negative and long-lasting effects of union dissolution on their wealth trajectories.

### **Wealth Inequality from the Cradle. The Effects of Sibship Size on Children's Assets**, joint with [Marion Leturcq](#) [[Draft](#)] [[Slides](#)]

Parents commonly subscribe to financial products in their children's names during childhood. Using detailed data from the French wealth survey, we investigate the impact of sibship size on underage child's wealth defined as the value of financial assets owned by children. Focusing on the eldest child, we find a negative correlation between sibship size and child wealth, even after controlling for age. We instrument sibship size by the exogenous variation induced by a twin birth at second rank and find a strong negative impact of sibship size on child's wealth. Heterogeneity analyses do not show stark gender or rank of birth differences for this effect. As financial assets can provide a financial foundation for children when they come of age, these findings unveil an unknown dimension on how growing in a large family disadvantages young adults.

### **Gender Wealth Transfer Gaps**

### **Dynastic Wealth Interrupted: Wealth Trajectories After the Loss of a Child**, joint with [Marie-Renée Andreescu](#)

## WORKING PAPERS

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**PoliTweets. La communication politique des députés sur Twitter.** [[Master thesis](#)] [[Slides](#)]  
**Divorce during COVID-19 Pandemic: Google knows best?** [[Working paper](#)] [[Slides](#)]

## CONFERENCES, SEMINARS, WORKSHOPS

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**2026:** *ADRES Job Market Conference (Paris)*<sup>1</sup>

**2025:** 41<sup>st</sup> Days of Applied Microeconomics (Poitiers), 2<sup>nd</sup> AFÉPOP Conference (Marseille), INED Coffee Seminar, INED Doctoral Day, Modelling and Identification LEMMA Working Group, CRED-LEMMA Doctoral Seminar, INED Doctoral workshop

**2024:** 40<sup>th</sup> Days of Applied Microeconomics (Lille), AFÉPOP Inaugural Conference (Paris), PSE Doctoral Retreat, DIW SOEP Brown Bag Seminar (Berlin), DIW SOEP Writing Seminar (Berlin), CRED-LEMMA Doctoral Seminar

**2023:** ECSR Network Workshop: Wealth Inequalities, Gender, and Family Structures (Birmingham), CREST NLP & Politics Seminar, LEMMA Internal Seminar, INED Coffee Seminar, INED Doctoral workshop

**2021:** INED Coffee Seminar

## TEACHING

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### Paris-Panthéon-Assas University

*Macroeconomics 1* (B.Sc. in Economics) 2025, 2026

Teaching Fellow for Professor Paul Maarek

*Microeconomics 1* (B.Sc. in Economics) 2025

Teaching Fellow for Professor Lucie Ménager

### Paris Cité University

*Statistics* (B.Sc. in Social Sciences) 2023

Teaching Fellow for Professor Séverine Menguy

*Questionnaire survey 2* (B.Sc. in Social Sciences) 2023

Teaching Fellow for Professor Olivier Martin

### ENSAE Paris

*Group of applied statistics* (M.Sc. in Social Sciences & Statistics) 2023

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<sup>1</sup> *Expected talk.*

## ACADEMIC SERVICE

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*Association:* Co-founder of the French Association of Population Economists (AFÉPOP)

*Conferences & seminars:* Co-organizer of AFÉPOP conferences (2024-2025)  
Co-organizer of INED Doctoral Day (2023)  
Co-organizer of UR9 Coffee Seminar (2023)  
Co-founder & co-organizer of INED Young Researchers Seminar (2023-2024)

*Referring:* The Social Science Journal

## RELEVANT PROFESSIONAL EXPERIENCES

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10/21 - 08/22 Research internship at CREST  
06/20 - 01/21 Research internship at INED  
07/19 - 08/19 Research assistance at Insee Centre-Val de Loire

## TOOLS AND LANGUAGES

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**Statistical analysis:** R, STATA    **Network analysis:** Python, Gephi  
**Machine learning:** Python    **Bibliography:** Zotero  
**Textual analysis:** Python    **Office softwares:** L<sup>A</sup>T<sub>E</sub>X, OpenOffice, Microsoft Office  
**Webscraping:** Python, R    **Version control:** Git  
**Spatial projections:** R

**French:** native    **English:** advanced  
**German:** intermediate    **Italian:** intermediate

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