




# NICOLAS KOUTSANDRÉOU

Master's Student ~ Economics

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 Paris, France

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 23 years old

 French and Brazilian

## LANGUAGES

- **Portuguese:** Native
- **French:** Native
- **English:** Fluent
- **Spanish:** Fluent

## SKILLS

### Statistics and Data:

R and Stata (Advanced), Python, Excel and VBA (Intermediate), SQL (Beginner)

### Web:

JavaScript, HTML, CSS (intermediate)

### Other:

Qualtrics (advanced),  $\text{\LaTeX}$ , Git (intermediate), Web scrapping, Natural Language Processing (beginner)

## EDUCATION

2021 - Present

### MSc Quantitative Economic Analysis

Dauphine PSL, France

Master Thesis (in progress): *Competition in Pharmaceutical-Physician Transfer Markets: Modeling and Empirical Analysis in France.*

Relevant coursework: Empirical Industrial Organization, Macroeconomics, Microeconometrics, Machine Learning, Time Series, Game Theory, Health Economics...

2022 - 2023  
Gap year

### Mathematical Statistics (M347)

Open University, UK

Coursework from the third-year undergraduate degree in mathematics. GPA 4.0/4.0, converted. Probability Theory, Classical Inference, Bayesian Statistics, Linear Modeling (GLM).

2018 - 2021

### B.A. Political Science

SciencesPo Paris, France

- Major in Economics. GPA 3.5/4.0, converted.
- Exchange Program at Northeastern University, United States.

## WORK EXPERIENCE

1/2023 - 9/2023

### Research Assistant

LEDa, Dauphine PSL

- Assisted Daniel Herrera on the valuation of mortality and morbidity in France (ANR JCJC VHEALTH grant).
- Reviewed Literature on Survey Design, WTP for risk reductions and valuation of QALYs.
- Helped design and code a complex Qualtrics survey with dynamic JavaScript custom code.
- Implemented the survey in three pilot studies with Prolific and helped set up the large-scale survey with 3000+ respondents from Kantar's consumer panel.
- Conducted data cleaning and econometric analysis in Stata: censored regressions to estimate the WTP for risk reductions and calculate the parameters (VSC, VSL, VNF...). Produced presentation-quality graphics and tables. The results were included in the Pre-Analysis paper and the PI conference presentations.

11/2021 - 1/2022

### Field Research Assistant

LIEPP, Sciences Po Paris

- Collected survey data for the project 123CP, directed by Carlo Barone, on education inequalities.
- Applied sociology methods and skills to the collection due to the sensitive nature of the data (personal finances, residency status, learning disabilities of their children, family environment...) and the inherent difficulties of surveying the studied population (mostly low-income families, first-generation immigrants, and non-french speakers).

6/2019 - 8/2019

### Research Assistant

CDS-UnB, Brazil

- Worked in a major cost-benefit analysis conducted by the National Water Agency to study the construction of 500 small hydropower plants (SHPs) in the Paraguay River basin.
- Supervised by Elimar Nascimento and Cristovam Buarque (former Senator and Minister of Education).
- Conducted a literature review on the socio-economic and environmental impacts of SHPs, and basic statistical analysis of survey data collected from the local population. The results were included in two of the final reports: "Local Fishing" and "Fishing Tourism".
- Prepared and presented progress reports to the team of researchers and policymakers, including personal suggestions on the study methodology.

## EXTRACURRICULARS

2018 - 2021

### Volunteer

Internacionali Negotia, Brazil

- Elaborated a business development plan, recruited and trained staff, and managed a team of 3 volunteers.
- Organized the NGO's pedagogical events in schools, which reached 1000+ students.

2018 - 2019

### Junior Consultant

Junior Consulting Sciences Po

- Led a recruitment campaign to staff the "Great National Debate" (2019) in Nouvelle-Aquitaine, France.
- Reached businesses in Nouvelle-Aquitaine to sell the Junior Enterprise services.

2017

### Finalist at the Brazilian National History Olympics

Unicamp, Brazil