

# Andrea Ferrero

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Montpellier, France | Website

## RESEARCH EXPERIENCE

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### • Inria - Statify Team

March 2025 - July 2025

Research Intern for Master's Thesis - Supervisor: Julyan Arbel, Tâm Lê Minh

Grenoble, France

- **Goal:** Study models asymptotic properties and develop Bayesian estimation tools

- **Results:**

- \* Theoretical asymptotic result on key statistics of interest
- \* Simulation studies supporting the result
- \* Bayesian model estimation on simulated and real data

- **Tools:**

- \* R, Stan, Git
- \* Linux
- \* Parallel computing and HPC resources (Grid'5000 testbed)

## EDUCATION

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### • PhD in Statistics

November 2025 - Current

University of Montpellier

Montpellier, France

- Supervisors: Gwladys Toulemonde, Nicolas Meyer
- Topic: Inference for Extreme Data in a Univariate Dependent Setting

### • Msc. Statistical Sciences - curriculum Data Science

September 2023 - October 2025

University of Bologna

Bologna, Italy

- Current Average Grade (Italian scale): 30/30
- Thesis title: Bayesian Nonparametric Models for Sparse Bipartite Networks

### • Bsc. Economics and Statistics

September 2020 - July 2023

University of Turin

Turin, Italy

- Final Grade (Italian scale): 110/110 cum Laude
- Thesis title: Determinant Factors of Inflation Expectations of Italian Households
- Erasmus+ exchange: Norwegian School of Economics, Bergen (Norway)

## SKILLS

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- **Programming and Software tools:** R, Python, Stan, Git, Linux, LaTeX, SQL
- **Language Skills:** Italian (Native), English (Proficient), French (Intermediate)

## OTHER ACTIVITIES

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### • Academic Tutor and Member of the Degree Programme Evaluation Committee

September 2022 - July 2023

University of Turin

## REFERENCES

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### 1. Julyan Arbel

Associate Researcher (Chargé de Recherche)

Inria Grenoble - Statify team

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