Andrea Ferrero

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Montpellier, France | Website

RESEARCH EXPERIENCE

- **Inria - Statify Team** *March 2025 - July 2025*
  Research Intern for Master's Thesis - Supervisor: Julyan Arbel Grenoble, France
  - **Subject:** Sparse Bayesian Nonparametric Network Models
  - **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

- **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

- **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

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

OTHER ACTIVITIES

- **Academic Tutor and Member of the Degree Programme Evaluation Committee** *September 2022 - July 2023*
  University of Turin

REFERENCES

1. **Julyan Arbel**
   Associate Researcher (Chargé de Recherche)
   Inria Grenoble - Statify team
   Email: julyan.arbel@inria.fr
   Personal Webpage: https://www.julyanarbel.com/