

Antoine Franchini

📍 Grenoble, France 📩 antoine.franchini@inria.fr ☎ 06 48 75 53 83 🔗 <https://antoineinria.github.io/>
👤 Antoine Franchini 💬 antoineinria

Education

Université Paris Cité

Sep 2022 – Oct 2024

Master degree: Random modeling in finance

- **Coursework:** C++, stochastic calculus, point processes, statistical learning.

Université Paris Cité

Sep 2019 – Jun 2022

Bachelor degree in general and applied mathematics

Experience

PhD

Grenoble, France

Inria & EDF

Dec 2024 – Now

- Applications of the notions in Extreme Value Statistic.
- Implementation of confidence intervals for extreme quantile estimators.

Research Internship

Grenoble, France

Inria & EDF

May 2024 – Sep 2024

- Preparation of the subject for the PhD.

Teaching

Teaching in Mathematics for 1st year of Physics Bachelor

Saint-Martin d'Hères,
France

Université Grenoble Alpes

Jan 2025 – May 2025

Practical courses in statistics for 2nd year of Biology Bachelor

Saint-Martin d'Hères,
France

Université Grenoble Alpes

Sep 2025 – Dec 2025

Publications

Adaptive confidence intervals for extreme quantiles from heavy-tailed distributions

Submission

Antoine Franchini, Stéphane Girard, Anne Dutfoy

hal.science/hal-05322341 ↗

Talks

Quantification of extrapolation performances of extreme quantile estimators

hal.science/hal-04850514 ↗

Aussois, France

Dec 2024

- Presentation of the work during the internship.

Skills

Computer Languages: R, Python.