



CLÉMENT POUPELIN

Statistician

Personal website : <https://clement-poupelin.github.io/>



EXPERIENCES

UAR 2014 - US 41 PLBS (Bilille) - University of Lille

January 2025 – January 2027 : Statistical Engineer

- Participation in numerous research projects on neurodegenerative diseases
- Involvement in the unit's internal development projects
- Development and delivery of training in the R programming language
- Supervision of students on master's-level projects

UR 1404 MaIAGE - INRAE Ile-de-France

October 2024 – December 2024 : Statistical Engineer

- Application of data science skills to microbial ecology
- Participation in a pilot project promoting open science and open data
- Work on methods for inferring microbial networks
- Creation of a [Quarto blog](#), documenting the work carried out



April 2024 – September 2024 : Intern

- Acquiring data science skills applied to microbial ecology
- Exploring statistical methods used in meta-analyses

January 2024 : Challenge Data (third place for 189 participants)

September 2023 - September 2024 : Study Buddy

June 2021 - August 2023 : Claims advisor MAIF

July 2023 et July 2024 : Volunteering for FEMA (Festival La Rochelle Cinéma)

PUBLICATIONS

Journal Papers

V. Huin, E. Cailliau, C. Poupelin, et al., Blood-based biomarkers of ferroptosis in Parkinson's disease, *Neurobiology of Disease* (2026), Open Access, DOI: [10.1016/j.nbd.2026.107414](https://doi.org/10.1016/j.nbd.2026.107414).

Quarto tutorial ([personal website](#))

- Statistique en grande dimension
- Série temporelles
- Régression linéaire et logistique
- Structural equation modeling and application in psychology

EDUCATION

UFR Sciences et techniques - University of Nantes

2022 - 2024 : Master Mathematics and Applications - Statistical Engineering

- Analysis and modeling using big data
- Time series modeling and forecasting
- Implementation of Bayesian and machine learning techniques

2018 - 2022 : Bachelor in Mathematics

CONTACTS

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[Clément Poupelin](#)

Driver's licence (Permis B)

SKILLS

- French (native)
- English (B2+) TOEIC 880
- German (B1)
- R/Rstudio
- Python
- LaTeX
- Git (GitLab, GitHub)
- SAS
- SQL
- Linux/Windows
- MS 365

WORKING GROUP

- StatOmique

INTERESTS

- Cinema
- Music (guitar, bass, piano)
- Travel (Japan, England, Germany, Belgium)
- Hiking
- Sport (badminton, volley-ball, climbing)