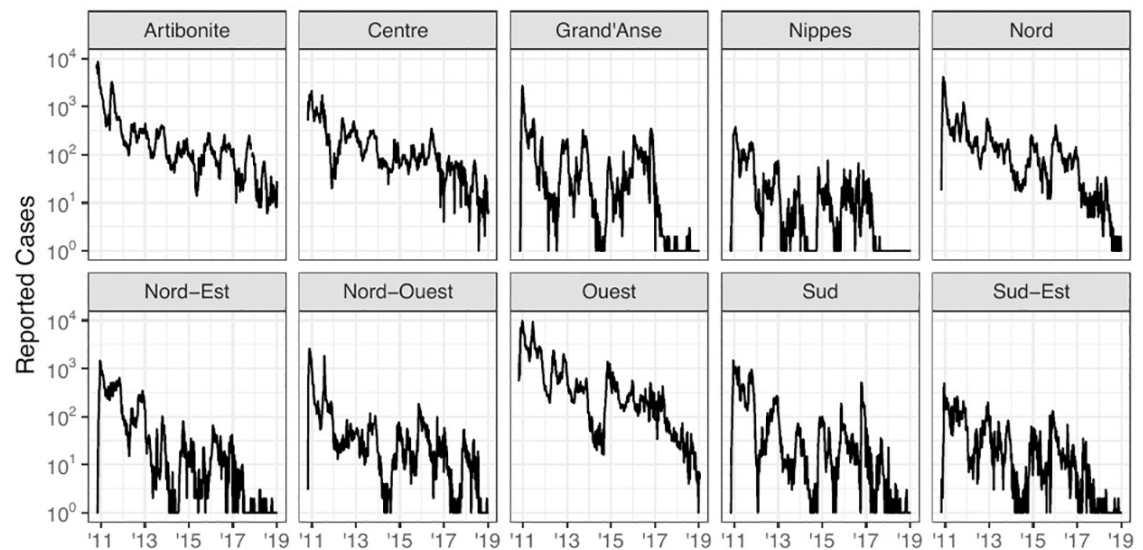# Jesse Wheeler

- Graduated from Statistics Ph.D. in Summer 2025. First semester as an assistant professor of statistics.

- My statistical expertise is:
  - Computational Statistics
  - Time-series analysis
  - State-space models
    - Likelihood based inference

- My primary areas of application are:
  - Modeling stochastic, non-linear dynamic systems.
  - E.g., Infectious disease modeling and other ecological population modeling.

- Hobbies:
  - Being outdoors: hiking, fly-fishing, skiing
  - Gardening, fermenting, home-brewing...

Ongoing research projects...

- Methods and theory for time-series analysis.
- Software development (in Python, R)
- Machine learning + mechanistic models (new)
- Infectious diseases and ecological population modeling...

- I'm always looking for new students, projects, and collaborations, and I have some limited funding for undergraduate researchers.

- If you're interested in working on research with me, please come see me during office hours.