

# Introduction to statistical modeling

Timothée Flutre

Institut National de la Recherche Agronomique, France

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Availability : public on [GitHub](#)

# Keywords

1. Variability, distribution, modeling, mathematics
2. Population, sample, uncertainty, probability, statistics
3. Observations, parameters, likelihood, prior, posterior, Bayesian updating
4. Estimation, hypothesis testing, p-value, model comparison, model selection and averaging, prediction
5. Context, public, references

histogram, trend and dispersion, bridge, language for universal agreement

inference, subjectivity, genericity

...

Bayes

...

toolbox to answer all inferential questions

curious minds, non-scientists and scientists alike, citizens  
Berger & Berry, Hennig, Gelman & Shalizi  
decision theory

# Acknowledgments