Introduction to statistical modeling

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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

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

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inference, subjectivity, genericity

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Bayes

...

toolbox to answer all inferential questions

...

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

Acknowledgments