

Informative hypotheses evaluation

Intro

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Curious to know

- Your expectation of the course?
(mainly regarding 'hypothesis testing')
- Do you have your own data?
- What do you know w.r.t.
 - null hypothesis testing?
 - model selection?
(Bayesian and using information criteria like AIC)
- Do you use any of the methods (and why)?
- Which software do you use (R, JASP, SPSS, ...)?

Note: Estimation vs hypothesis evaluation.

Content

- Replication crisis
- Null hypothesis testing
- Informative hypotheses
- Model selection using information criteria
(focus on GORIC and GORICA)
- Bayesian model selection