

Researcher degrees of
freedom

- (Nearly) all QRP research focussed on Null Hypothesis Significance Testing
- Applied Ecology, Conservation Decision Making: non-frequentist methods, Bayesian statistics, decision theoretic approaches, cost-benefit analysis, etc.
- Researcher degrees of freedom: *“Researcher degrees of freedom are typically are opportunities for undisclosed decisions researchers make during data analysis and collection that can increase the probability of a false-positive result”*
- *Modelling choices: development, fitting, calibration, validation, reporting.*
- *Institutional and editorial disincentives for full and transparent reporting practices*

Chapter 1: Questionable Research Practices in Ecology and Conservation Decision Making

Defining for non-NHST

What is a type I error outside of
a NHST framework?

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