

(...) The controversy has also seemingly distracted attention from, or completely overlooked, more important issues such as the misinterpretation and misreporting of statistical methods, regardless of whether Bayesian or frequentist methods are used

Michael McCarthy Chap 1 in *Ecological Statistics*

# Null models in Ecology

- Using null models to create robust inference
- Maintains some constraint from observed data (species richness, abundance distributions, ...)
- Custom-build for specific ecological questions
- Goes beyond the basic null hypothesis testing by creating a baseline expectation that is data-driven

