

PHILOSOPHY OF STATISTICS
DISCUSSION QUESTIONS #8

- (1) Bird's analysis targets sciences that predominantly test hypotheses with NHST. Would switching to Bayesian statistics improve the situation in these sciences, or should we expect replicability problems to show up in the Bayesian setting as well?
- (2) Should scientists adopt stricter significance thresholds to make positive results more reliable? And how, if at all, should our estimate of the proportion of false hypotheses in the science inform the choice of threshold?