

PHILOSOPHY

DO WE NEED P-VALUES?

22.03.2019

Sander Greenland has some doubts: ["Retire statistical significance"](#). I am here more with John Ioannides

Statistical significance sets a convenient obstacle to unfounded claims. In my view, removing the obstacle could promote bias. Irrefutable nonsense would rule.

More stringent thresholds of significance are needed for most fields, which currently assume statistical significance when P values are less than 0.05
[...]

If rules are set before data collection and analysis, then statistical guidance that is based on appropriate thresholds is helpful.

With that, all has been said

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