

“Discussion of the March 2019 Special Issue of The American Statistician on Alternatives to $P < .05$ ”

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Biography

Daniel Jeske is a Professor in the Department of Statistics at the University of California, Riverside (UCR), where he served as the department chair 2008- 2015. He is also the Vice-Provost of Administrative Resolution at UCR. He is a fellow of the American Statistical Association (ASA) and served on the ASA board 2014- 2016. He is the President-Elect for the International Society of Business and Industrial Statistics, one of the Associations of the International Statistical Institute (ISI) and is the current Editor-in-Chief of The American Statistician.

Abstract

A special issue of The American Statistician, with the same title as my talk, was published in March 2019. The special issue contains 43 papers that discuss and propose alternative inference procedures that could either enhance or replace the use of "bright line" thresholds such as $P < .05$. In this talk, I will discuss the history and motivation that led to the special issue and provide an overview of what I found to be some of the most interesting papers in the issue. If you are new to this debate or want to get caught up on the recent developments, you won't want to miss this accessible presentation!

Hosted by: Douglas Montgomery