

Error and inference - recent exchanges on experimental reasoning, reliability, and the objectivity and rationality of science

Cambridge University Press - Error and Inference: Recent Exchanges on Experimental Reasoning, Reliability, and the Objectivity and Rationality of Science by Deborah G. Mayo



Description: -

- Science -- Methodology

Science -- Philosophy

InferenceError and inference - recent exchanges on experimental reasoning, reliability, and the objectivity and rationality of science

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Notes: Includes bibliographical references and index.

This edition was published in 2009



Filesize: 54.75 MB

Tags: #Error #and #Inference: #Recent #Exchanges #on #Experimental #Reasoning, #Reliability, #and #the #Objectivity #and #Rationality #of #Science #by #Deborah #G. #Mayo

Deductivism Surpassed: Or, Foxing in its Margins?

Did the researchers adequately control for known experimental confounds? And still other BR hypotheses e. By means of a series of exchanges between the editors and leaders from philosophy of science, statistics, and economics, this volume offers a cumulative introduction connecting problems of traditional philosophy of science to problems of inference in statistical and empirical modeling practice. But then it carries forward the discussion of this approach with challenging papers from Glymour, Laudan, Achinstein, Worrall, and others.

Deborah G. Mayo & Aris Spanos (eds.), Error and Inference: Recent Exchanges on Experimental Reasoning, Reliability, and the Objectivity and Rationality of Science

It could also be a complaint about the relationship between the hypotheses and the experiments; for instance, MR hypotheses have actually motivated the construction of the experiments themselves. By means of a series of exchanges between the editors and leaders from philosophy of science, statistics, and economics, this volume offers a cumulative introduction connecting problems of traditional philosophy of science to problems of inference in statistical and empirical modeling practice. The volume also features detailed and illuminating exchanges between the contributors.

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I helped with the organization of the conference and, with Mayo and Jean Miller, edited a separate collection of workshop papers that were presented there, published as a special issue of Synthese.

January 7: "Putting the Brakes on the Breakthrough: On the Birnbaum Argument for the Strong Likelihood Principle" (D.Mayo)

Error-statistical philosophy might not be the only viable account of evidence and warrant as Mayo would appear to have it , but it has many virtues. Chicago: University of Chicago Press.

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Has Worrall saved his theory on ad hoc saves in a non ad hoc manner? But then it carries forward the discussion of this approach with challenging papers from Glymour, Laudan, Achinstein, Worrall, and others. Mayo -- On a new philosophy of frequentist inference : exchanges with David Cox and Deborah G. See Premack and Woodruff 1978, Povinell et al.

Deductivism Surpassed: Or, Foxing in its Margins?

According to the behavior-reading hypothesis, all animals that are capable of predicting the behavior of others do so by means of perceptual and cognitive processes that range over non-mentalistic representations of behavioral and environmental cues and relations. Journal of Epidemiology and Biostatistics, 6 2 , 193—204.

Error & Inference

The main point I was seeking to raise concerned the skill of attribution.

Severe Testing: The Key to Error Correction

Either way, there does not seem to be a condition in which the seeing hypothesis is false and a and b are both correct. Perspectives on Psychological Science, 9, 131-143. This book begins with a fine introduction to Mayo's error-statistical approach that makes the book a useful teaching tool.

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