Stats.con - How We've Been Fooled by Statistics-Based Research in Medicine

By James Penston

The London Press, United Kingdom, 2010. Paperback. Book Condition: New. 234 x 155 mm. Language: English. Brand New Book. Print on Demand. About Stats.con - How we've been fooled by statistics-based research in medicine: Statistics-based research is the method by which the causes of disease and the effectiveness of new treatments are investigated. Epidemiological studies and large-scale randomised controlled trials dominate medical research. Judged by the number of papers published each year, this type of research would appear to be a success. Yet it's a triumph of appearance over substance. We've been cajoled into believing that great advances in medicine have occurred when, in fact, this isn't the case. Large RCTs are placed at the summit of the hierarchy of evidence and are claimed to be the most reliable means of establishing causal relationships in medical research. They are highly complex structures designed to identify small differences in outcome between the active treatment group and controls. But how do we know that the observed difference is caused by the drug? Proponents of RCTs assert that the method excludes alternative explanations namely, the unequal distribution of other causal factors, bias in the assessment of...

Reviews

An exceptional publication as well as the font employed was exciting to see. It was actually written extremely flawlessly and helpful. Once you begin to read the book, it is extremely difficult to leave it before concluding.

-- Dominic Collins

This ebook could be worthy of a read through, and far better than other. I am quite late in start reading this one, but better then never. I realized this publication from my dad and I advised this publication to learn.

-- Stefan Von
Start by marking â€œ STATS.Con - How We've Been Fooled by Statistics-Based Research in Medicineâ€ as Want to Read: Want to Read saving… Want to Read. We'd love your help. Let us know whatâ€™s wrong with this preview of STATS.Con - How We've Been Fooled by Statistics-Based Research in Medicine by James Penston. Problem: Itâ€™s the wrong book Itâ€™s the wrong edition Other. Statistics in Medicine is a peer-reviewed statistics journal published by Wiley. Established in 1982, the journal publishes articles on medical statistics. The journal is indexed by Mathematical Reviews and SCOPUS. Its 2009 MCQ was 0.02. According to the Journal Citation Reports, the journal has a 2018 impact factor of 1.847. Official website. stats con. Clara, fortunately, for that purpose all I need to do is ask my Wife who was recently in an IT contract designing systems for the UK body (N.I.H.R.) re drug trials. [Also, in an earlier career she published research papers in various medical fields and some original papers in statistics.] I came across the reference to that particular book in this item that will probably interest youÂ [2] Penston, J. (2010). stats.con: How weâ€™ve been fooled by statistics-based research in medicine. London: The London Press, UK. Log in or register to post comments.