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Titolo	A clinician's guide to statistics and epidemiology in mental health : measuring truth and uncertainty // S. Nassir Ghaemi [[electronic resource]]
Pubbl/distr/stampa	Cambridge : , : Cambridge University Press, , 2009
ISBN	0-511-69866-6 1-107-19281-1 1-282-30272-8 9786612302725 0-511-58061-4 0-511-58093-2 0-511-57951-9 0-511-57877-6 0-511-58125-4 0-511-58025-8
Descrizione fisica	1 online resource (xii, 151 pages) : digital, PDF file(s)
Disciplina	362.2/0422
Soggetti	Psychiatry - Statistical methods Psychiatric epidemiology
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Note generali	Title from publisher's bibliographic system (viewed on 05 Oct 2015).
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Why data never speak for themselves -- Why you cannot believe your eyes : the three C's -- Levels of evidence -- Types of bias -- Randomization -- Regression -- Hypothesis testing : the dreaded P-value and statistical significance -- The use of hypothesis testing statistics in clinical trials -- The alternative : effect estimation -- What does causation mean? -- A philosophy of statistics -- Evidence-based medicine : defense and criticisms -- The alchemy of meta-analysis -- Bayesian statistics : why your opinion counts -- How journal articles get published -- How scientific research impacts practice -- Dollars, data, and drugs -- Bioethics and the clinician/researcher divide.
Sommario/riassunto	Accessible and clinically relevant, A Clinician's Guide to Statistics and

Epidemiology in Mental Health describes statistical concepts in plain English with minimal mathematical content, making it perfect for the busy health professional. Using clear language in favour of complex terminology, limitations of statistical techniques are emphasized, as well as the importance of interpretation - as opposed to 'number-crunching' - in analysis. Uniquely for a text of this kind, there is extensive coverage of causation and the conceptual, philosophical and political factors involved, with forthright discussion of the pharmaceutical industry's role in psychiatric research. By creating a greater understanding of the world of research, this book empowers health professionals to make their own judgments on which statistics to believe - and why.
