

1. Record Nr.	UNINA9910484035503321
Autore	Thall Peter F
Titolo	Statistical Remedies for Medical Researchers [[electronic resource] /] / by Peter F. Thall
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-43714-0
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (XI, 291 p. 42 illus., 12 illus. in color.)
Collana	Springer Series in Pharmaceutical Statistics, , 2366-8695
Disciplina	610.727
Soggetti	Statistics Pharmacy Biostatistics Pharmaceutical technology Statistics for Life Sciences, Medicine, Health Sciences Drug Safety and Pharmacovigilance Pharmaceutical Sciences/Technology Bayesian Inference Statistical Theory and Methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1 Why Bother With Statistics? -- 2 Frequentists and Bayesians -- 3 Knocking Down the Straw Man -- 4 Science and Belief -- 5 The Perils of P-values -- 6 Flipping Coins -- 7 All Mixed Up -- 8 Sex, Biomarkers, and Paradoxes -- 9 Crippling New Treatments -- 10 Just Plain Wrong -- 11 Getting Personal -- 12 Multistage Treatment Regimes -- References.
Sommario/riassunto	This book illustrates numerous statistical practices that are commonly used by medical researchers, but which have severe flaws that may not be obvious. For each example, it provides one or more alternative statistical methods that avoid misleading or incorrect inferences being made. The technical level is kept to a minimum to make the book accessible to non-statisticians. At the same time, since many of the examples describe methods used routinely by medical statisticians with formal statistical training, the book appeals to a broad readership in

the medical research community.
