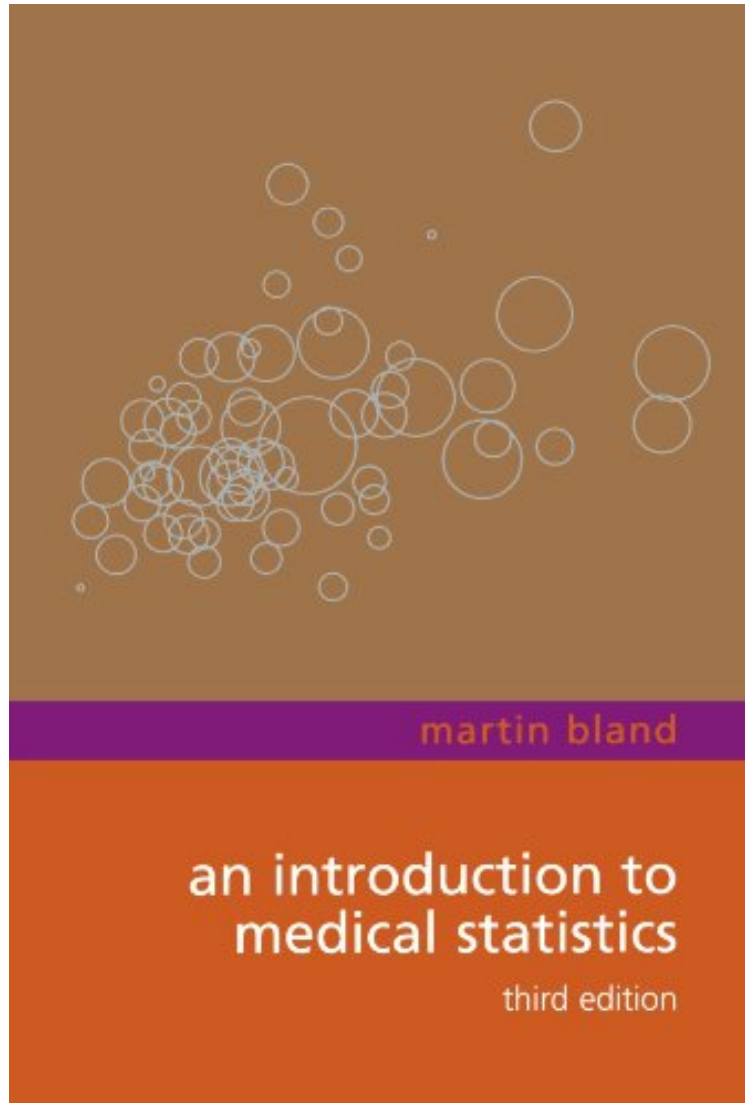


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An Introduction to Medical Statistics (Oxford Medical Publications)

Martin Bland

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Martin Bland : An Introduction to Medical Statistics (Oxford Medical Publications) before purchasing it in order to gauge whether or not it would be worth my time, and all praised An Introduction to Medical Statistics (Oxford Medical Publications):

3 of 3 people found the following review helpful. Provides great explanations of stats in the medical literature By RxRachell am a fourth year pharmacy student and I bought this book hoping that it would help me wrap my head around the statistics and trial designs I was reading about every few weeks for journal club. I needed something that would help me interpret the literature, then apply it to practice. This is very much a statistics book and not quite the

perfect "journal club how-to" I was looking for, but I'm still quite glad I have it. There are two chapters that give a nice overview of the types of study designs (cross-over, case-control, etc) and other basic trial concepts like allocation and randomization, sampling, informed consent, and bias. I always got tripped up by some of the most fundamental statistical concepts like power and confidence intervals, and I was never quite sure what I should be taking away from them. Bland gives easy to understand explanations of those types of basics, starting with how they're calculated, what they really mean, and how you should interpret them when you come across them in the literature. He also has one of the best explanations of p values that I've ever read. I still want to find a guide that goes more into applying trial results to practice, but this is a great place to start if you need help interpreting all of those scary statistics in the medical literature. 0 of 0 people found the following review helpful. This is an excellent book for learning about statistical tests. Good explanations. The newest version includes more stats. It's one of my "go to" books for statistics. 0 of 0 people found the following review helpful. Biostatistics made easy! By Julia Welch Great book! Information well laid out and easy to follow. No unnecessary complicated jargon to filter through so makes topics easy to understand

Now in its Third Edition, *An Introduction to Medical Statistics* continues to be an invaluable textbook for medical students, doctors, medical researchers, nurses, members of professions allied to medicine as well as those concerned with medical data. The material covered includes all the statistical work that would be required for a course in medicine and for the examinations of most of the Royal Colleges. It includes the design of clinical trials and epidemiological studies, data collection, summarizing and presenting data, probability, standard error, confidence intervals and significance tests, techniques of data analysis including multifactorial methods and the choice of statistical method, problems of medical measurement and diagnosis, vital statistics, and calculation of sample size. The new edition describes the design and analysis of medical research studies in a clear and user friendly manner. The third edition includes new topics such as consent in clinical trials, design and analysis of cluster-randomized trials, ecological studies, conditional probability, repeated testing, random effects models, intraclass correlation and conditional odds ratios. Material which is encountered only at the postgraduate level has been indicated clearly in the text to facilitate ease of use. The book is firmly grounded in medical data, particularly in medical research, and includes real illustrative examples. There are 100 multiple choice questions and 17 long questions involving calculations to which fully explained solutions are provided. A new companion volume, *Statistical questions in evidence based medicine* (Bland Peacock, 2000) refers directly to this new edition. This new book of questions and answers includes no calculations and is complementary to the exercises given here.

The material covered includes all the statistical work that would be required in a course in medicine. CAB Abstracts
About the Author Martin Bland is Professor of Medical Statistics in the Department of Public Health Sciences, St George's Hospital Medical School, London, UK