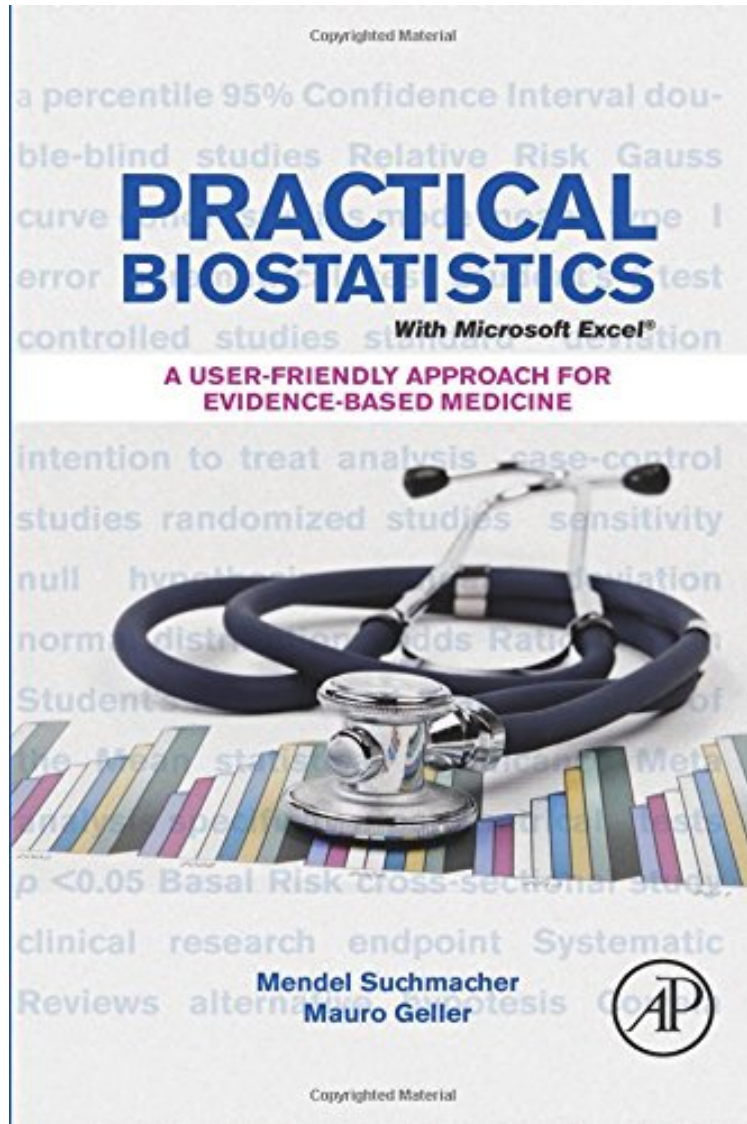


# Practical Biostatistics: A Friendly Step-by-Step Approach for Evidence-based Medicine

Mendel Suchmacher, Mauro Geller  
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**Mendel Suchmacher, Mauro Geller : Practical Biostatistics: A Friendly Step-by-Step Approach for Evidence-based Medicine** before purchasing it in order to gage whether or not it would be worth my time, and all praised Practical Biostatistics: A Friendly Step-by-Step Approach for Evidence-based Medicine:

1 of 2 people found the following review helpful. Very practical easy to use also for people that aren't experts in the areaBy Jorge Horacio AlessandriI will recommend to everybody working in Clinical Trials, due to the easy

understanding of some very cryptic matters that normally involved Biostatistics.0 of 0 people found the following review helpful. not hesitate to buy it quickly.By Hazel NixonSo pretty! Just what I expected. These are pretty cool and very handy! I really like it. Nice product, and delivered the date is was scheduled! Terrible product. Good deal! no leaks,my love Pretty good. Great for holidays. Easy to use and store.

Evidence-based medicine aims to apply the best available evidence gained from the scientific method to medical decision making. It is a practice that uses statistical analysis of scientific methods and outcomes to drive further experimentation and diagnosis. The profusion of evidence-based medicine in medical practice and clinical research has produced a need for life scientists and clinical researchers to assimilate biostatistics into their work to meet efficacy and practical standards. Practical Biostatistics provides researchers, medical professionals, and students with a friendly, practical guide to biostatistics. With a detailed outline of implementation steps complemented by a review of important topics, this book can be used as a quick reference or a hands-on guide to effectively incorporate biostatistics in clinical trials. Customized presentation for biological investigators with examples taken from current clinical trials in multiple disciplines Clear and concise definitions and examples provide a pragmatic guide to bring clarity to the applications of statistics in improving human health Addresses the challenge of assimilation of mathematical concepts to better interpret literature, to build stronger studies, to present research effectively, and to improve communication with supporting biostatisticians

"...strongly recommended as a practical guide for readers interested in applied biostatistics. Each chapter of the book is accompanied by practical examples and a huge set of reflection questions and answers." --Zentralblatt MATH, Practical Biostatistics "With a detailed outline of implementation steps complemented by a review of important topics, this book can be used as a quick reference or a hands-on guide to effectively incorporate biostatistics in clinical trials." --Doody.com, April 2013 "Practical Biostatistics is destined to be a companion book for health professionals and graduation students who face the challenge of assimilating concepts on statistics." --Mauri Carakushansky, MD, Pediatric Endocrinologist - Nemours Children's Clinic Orlando, Assistant Professor of Pediatrics - Florida State University, Assistant Professor of Pediatrics - University of Central Florida "This work by Dr. Suchmacher and Dr. Geller is bound to become a classic and should be readily available on the desk, shelf and on line." --Salin Dahlben, Harvard University, Clinical Assistant Professor in Psychiatry, Tufts University "Dr. Suchmacher and Dr. Geller are experienced researchers and writers in the clinical research field, who were able to fathom the often confusing realm of Statistics applied to biological sciences, and to come back with a pragmatic study proposal for interested medical students and healthcare professionals [] In my opinion, 'Practical Biostatistics' will undoubtedly be welcomed as one of the books designed to bring medical students and healthcare professionals alike, closer to a better understanding of this inescapable issue." --Spyros G.E. Mezitis, Assistant Professor of Clinical Medicine, The New York Presbyterian Hospital Weill, Cornell Medical Center "I believe the result of [Drs. Suchmacher and Gellers] efforts will prove useful for many medical students and researchers, who must thrive in an era when Biostatistics is destined to be an ever present matter." --Allan E. Rubenstein, Clinical Professor of Neurology, The Stephen D. Hassenfeld Children's Center for Cancer and Blood Disorders, Langone Medical Center, School of Medicine, New York University "Practical Biostatistics is destined to be a companion book for health professionals and graduation students who face the challenge of assimilating concepts on statistics." --Mauri Carakushansky, MD, Pediatric Endocrinologist - Nemours Children's Clinic Orlando, Assistant Professor of Pediatrics - Florida State University, Assistant Professor of Pediatrics - University of Central Florida From the Back Cover It is no secret that biostatistics has become a necessary, but dreaded, tool in today's research and clinical settings. With obvious benefits in terms of efficacy and practical results, assimilation of the underpinning mathematical and statistical requirements can nevertheless challenge even the most devoted clinical investigator or medical professional. Practical Biostatistics provides a clear and user-friendly response to these formidable challenges. Practicality and usability are key. Concepts are defined, introduced clearly, reinforced throughout repeat clinical examples, and enriched by self-evaluation sections. With comprehensive - yet accessible - coverage, this book is suitable for clinical investigators working within genetics, genomics, immunology, virology, microbiology, cell biology, pharmacology, and biomedical research settings generally. It is useful both as a quick reference or a thorough hands-on guide to effectively incorporate biostatistics in clinical and observational trials. About the Author\* Board Certification in Internal Medicine and Hematology-Hemotherapy\* Post-graduation in Pharmaceutical Medicine (Universidade Federal do Estado de Sao Paulo) \* Clinical Research Dpt. (Gross Pharmaceuticals)\* Member of the American College of Physicians\* Professor of Clinical Immunology - Carlos Chagas Institute of Medical Post-graduation (Rio de Janeiro) - Brazil\* Professor of Microbiology and Immunology at Teresopolis University Medical School (Rio de Janeiro State)\* Research Fellow - Fundacao Educacional Serra dos Orgaos (Rio de Janeiro)\* Professor Chairman of Immunology Microbiology - Teresopolis Medical School (Centro Universitrio Serra dos rgos - UNIFESO. Rio de Janeiro, Brazil)\* Professor Coordinator of the Genodermatoses Sector of the Clinical Genetics Service (Instituto de Puericultura e Pediatria Martago Gesteira - UFRJ. Rio de Janeiro, Brazil)\* Professor and Chairman of Clinical Immunology (Instituto de Ps-Graduao Mdica Carlos Chagas. Rio de

Janeiro, Brazil)\* Member of the clinical staff of Hospital Israelita Albert Einstein (HIAE - So Paulo, Brasil) Mauro Geller MD, PhD holds an MD degree from Teresopolis University Medical School, a PhD in Clinical Medicine from Universidade Federal do Rio de Janeiro, and a Post-PhD in Immunogenetics from Harvard University. He has extensive experience in the area of clinical immunology, especially in the areas of clinical medicine, tumoral immunology, genetics and immunodiagnostics. Dr. Geller is a founding member of the Brazilian National Neurofibromatosis Center (Centro Nacional de Neurofibromatose - CNNF), where he also serves as Scientific Director. He is a two-time recipient of the Moo de Louvor of the Assembleia Legislativa do Estado do Rio de Janeiro; in 1994 he received the Ttulo de Benmerito do Estado do Rio de Janeiro, and he has received several awards of recognition from UNIFESO, from both the faculty and students. In 1996, he was awarded the Public Service Award from the National Neurofibromatosis Foundation and in 1997 he was named Honorary Chairperson of the same institution. IN 2006, he received the Prmio de Incentivo Cientfico Hilton souchois from the Brazilian Society of Odontology. He also has extensive experience with research in the areas of immunology, microbiology and genetics, as well as with clinical research, and has published 137 papers, 8 book chapters, and 4 books. He also serves as an ad hoc advisor to the Brazilian National Institute of Health (ANVISA).