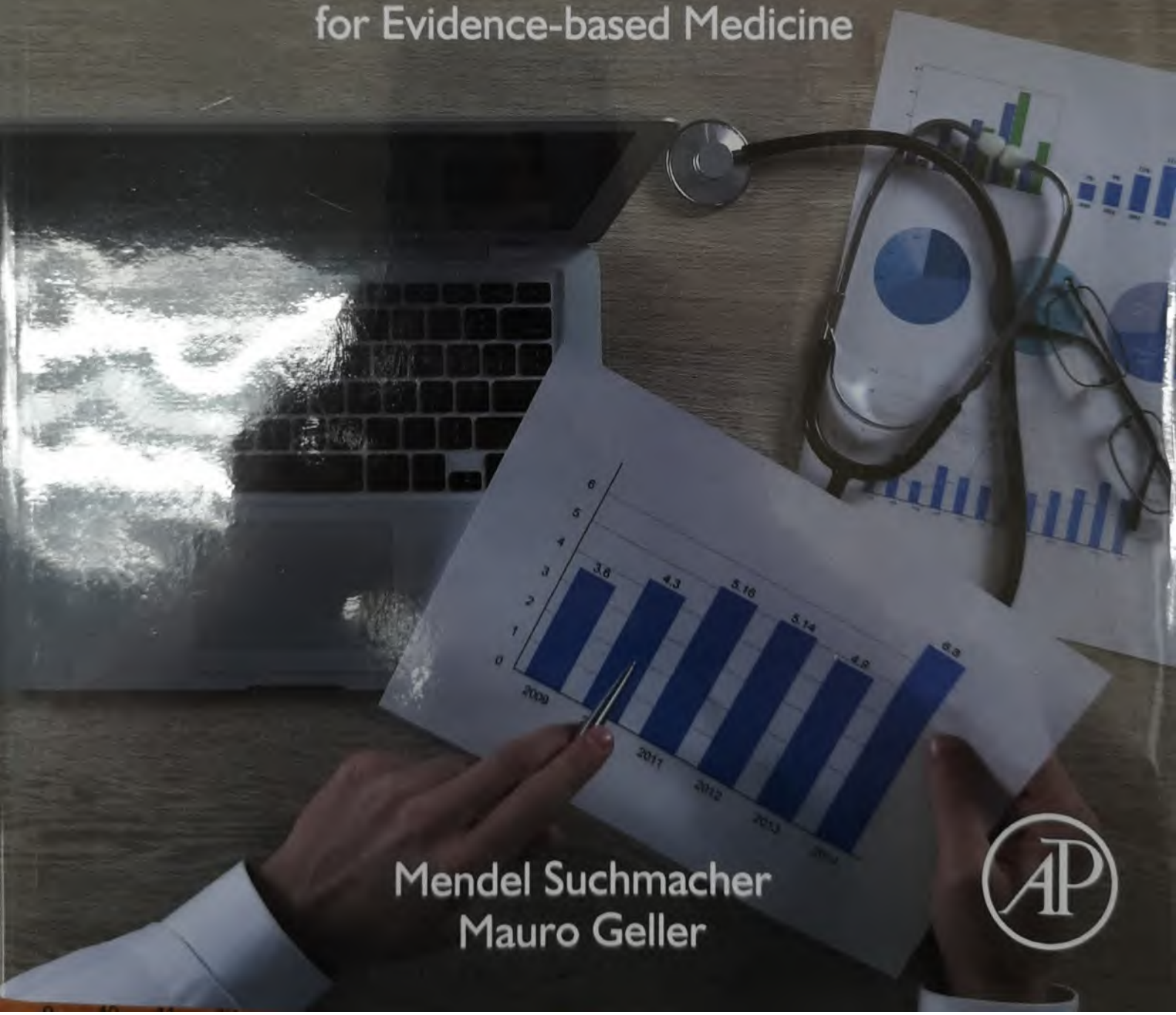
SECOND EDITION

PRACTICAL BIOSTATISTICS

A Step-by-Step Approach for Evidence-based Medicine



Mendel Suchmacher
Mauro Geller

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A Step-by-Step Approach for Evidence-based Medicine

Mendel Suchmacher MD, MSc
Professor of Clinical Immunology, Carlos Chagas Institute of Medical Post-Graduation, Rio de Janeiro, Brazil
Master degree in Management, Research, and Development in Pharmaceutical Industry, Fiocruz
Member of the American College of Physicians

Mauro Geller, MD, PhD
Professor and Chairman of Clinical Immunology, Carlos Chagas Institute of Medical Post-Graduation, Rio de Janeiro, Brazil
Professor and Chairman of Immunology and Microbiology, UNIFESO Medical School, Rio de Janeiro, Brazil
Member of the American Academy for the Advancement of Science

Practical Biostatistics: A Step-by-Step Approach for Evidence-Based Medicine, Second Edition, presents a complete resource of biostatistical knowledge meant for health sciences students, researchers, and health care professionals. The book's content covers the investigator's hypothesis, collective health, observational studies, biostatistics of intervention studies, clinical trials, and additional concepts in biostatistics. Chapters are written in a didactic way, making them easier to comprehend by readers with little or no background on statistics so they are enabled to apply the best available evidence in medical literature for decision-making processes in the clinic as well as for engaging in scientific research.

With a detailed outline of implementation steps complemented by a review of important topics, this book can be used as a quick reference or hands-on guide on how to effectively incorporate biostatistics in clinical trials and research projects.

KEY FEATURES

- Explains biostatistics in a didactic way for students, researchers, and professionals of health sciences with little or no background on mathematics, tailored for their specific needs
- Presents a new section dedicated to epidemiology and public health, broadening the content from the previous edition

Written by medical doctors with vast experience on biostatistics and teaching, developing the content based on real cases for better applicability by readers.

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