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Autore	Wassertheil-Smoller Sylvia
Titolo	Biostatistics and Epidemiology : A Primer for Health and Biomedical Professionals // by Sylvia Wassertheil-Smoller, Jordan Smoller
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Descrizione fisica	1 online resource (XX, 260 p. 37 illus., 11 illus. in color.)
Disciplina	614.4072
Soggetti	Statistics Diagnosis, Laboratory Epidemiology Public health Statistics for Life Sciences, Medicine, Health Sciences Laboratory Medicine Public Health
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	The Scientific Method -- Probability -- Statistics -- Epidemiology.- Screening -- Clinical Trials -- Quality of Life -- Genetic Epidemiology -- Risk Prediction and Reclassification -- Research Ethics and Statistics -- Postscript -- Appendix A -- Appendix B -- Appendix C -- Appendix D -- Appendix E -- Appendix F -- References -- Suggested Readings -- Index.
Sommario/riassunto	Since the publication of the first edition, Biostatistics and Epidemiology has attracted loyal readers from across specialty areas in the biomedical community. Not only does this textbook teach foundations of epidemiological design and statistical methods, but it also includes topics applicable to new areas of research. Areas covered in the fourth edition include a new chapter on risk prediction, risk reclassification and evaluation of biomarkers, new material on propensity analyses, and a vastly expanded chapter on genetic epidemiology, which is particularly relevant to those who wish to understand the epidemiological and statistical aspects of scientific articles in this rapidly advancing field. Biostatistics and

Epidemiology was written to be accessible for readers without backgrounds in mathematics. It provides clear explanations of underlying principles, as well as practical guidelines of "how to do it" and "how to interpret it." a philosophical explanation of the logic of science, subsections that can stand alone or serve as reference, cross-referencing, recommended reading, and appendices covering sample calculations for various statistics in the text. .
