

1. Record Nr.	UNINA9910483486403321
Titolo	Quantitative methods in pharmaceutical research and development : concepts and applications // Olga V. Marchenko, Natallia V. Katenka, editors
Pubbl/distr/stampa	Cham, Switzerland : , : Springer, , [2020] ©2020
ISBN	3-030-48555-2
Edizione	[1st ed. 2020.]
Descrizione fisica	1 online resource (IX, 445 p. 94 illus., 37 illus. in color.)
Disciplina	615.19
Soggetti	Drugs - Research
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Biostatistics in Clinical Trials -- Pharmacometrics, A Quantitative Decision-Making Tool in Drug Development -- Genomics and Bioinformatics in Biological Discovery and Pharmaceutical Development -- Biostatistical Methods in Pharmacoepidemiology -- Causal Inference in Pharmacoepidemiology -- Statistical Data Mining of Clinical Data -- Segmentation and Choice Models -- Modern Analytic Techniques for Predictive Modeling of Clinical Trial Operations -- Better Together: Examples of Biostatisticians Collaborating in Drug Development.
Sommario/riassunto	This contributed volume presents an overview of concepts, methods, and applications used in several quantitative areas of drug research, development, and marketing. Chapters bring together the theories and applications of various disciplines, allowing readers to learn more about quantitative fields, and to better recognize the differences between them. Because it provides a thorough overview, this will serve as a self-contained resource for readers interested in the pharmaceutical industry, and the quantitative methods that serve as its foundation. Specific disciplines covered include: Biostatistics Pharmacometrics Genomics Bioinformatics Pharmacoepidemiology Commercial analytics Operational analytics Quantitative Methods in Pharmaceutical Research and Development is ideal for undergraduate students interested in learning about real-world applications of quantitative methods, and the potential career options open to them. It

will also be of interest to experts working in these areas.

---