

Chapman & Hall/CRC Biostatistics Series

Bayesian Modeling in Bioinformatics

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CRC Press
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Addressing the overarching theme of sample size determination for correlated outcomes this book provides a useful resource for biostatisticians clinical investigators epidemiologists and social scientists whose research involves trials with correlated outcomes Each chapter is self contained so readers can explore topics relevant to their research projects without having to refer to other chapters **Adaptive Designs for Sequential Treatment Allocation** Alessandro Baldi

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adaptive experiments involving utilitarian choices and ethical issues It ends with adaptive methods that include covariates in the design The appendices present basic tools of optimal design theory and address Bayesian adaptive designs This book helps readers fully understand the theoretical properties behind various adaptive designs Readers are then equipped to choose the best design for their experiment *Quantitative Evaluation of Safety in Drug Development* Qi Jiang,H. Amy Xia,2014-12-08 State of the Art Methods for Drug Safety AssessmentResponding to the increased scrutiny of drug safety in recent years Quantitative Evaluation of Safety in Drug Development Design Analysis and Reporting explains design monitoring analysis and reporting issues for both clinical trials and observational studies in biopharmaceutical product deve

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