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Advanced Methods in Meta-Analysis: Multivariate Approach and Meta-Regression.

Part III MODELLING GENETIC DATA: STATISTICAL GENETICS Genetic Epidemiology: A Review of the Statistical Basis.; Genetic Mapping of Complex Traits.; A Statistical Perspective on Gene Expression Data Analysis.; Part IV DATA REDUCTION OF COMPLEX DATA SETS; Statistical Approaches to Human Brain Mapping by Functional Magnetic Resonance Imaging.; Disease Map Reconstruction.; PART V SIMPLIFIED PRESENTATION OF MULTIVARIATE DATA; Presentation of Multivariate Data for Clinical Use: The Framingham Study Risk Score Functions.; Index

Sommario/riassunto

The Tutorials in Biostatistics have become a very popular feature of the prestigious Wiley journal, *Statistics in Medicine* (SIM). The introductory style and practical focus make them accessible to a wide audience including medical practitioners with limited statistical knowledge. This book represents the second of two volumes presenting the best tutorials published in SIM, focusing on statistical modeling of complex data. Topics include clustered data, hierarchical models, mixed models, genetic modeling, and meta-analysis. Each tutorial is focused on a medical problem, has been
