



Springer

1st
edition

2005, XVI, 256 p.

Printed book

Hardcover

Printed book

Hardcover

ISBN 978-0-387-23074-0

\$ 169,99

Available

Discount group

Professional Books (2)

Product category

Contributed volume

Other renditions

Softcover

ISBN 978-1-4899-8784-6

Biomedicine : Human Genetics

Shoemaker, Jennifer S., Lin, Simon M. (Eds.)

Methods of Microarray Data Analysis IV

- In a single reference, the reader can learn about the most up-to-date methods on associating microarray data with a survival endpoint
- All papers included in the publication analyze the same data sets
- Thus, the audience should benefit from the critical evaluation of various techniques
- A reference not only for academic and industrial researchers, but also for core bioinformatics/genomics courses

As studies using microarray technology have evolved, so have the data analysis methods used to analyze these experiments. The CAMDA conference plays a role in this evolving field by providing a forum in which investors can analyze the same data sets using different methods. Methods of Microarray Data Analysis IV is the fourth book in this series, and focuses on the important issue of associating array data with a survival endpoint. Previous books in this series focused on classification (Volume I), pattern recognition (Volume II), and quality control issues (Volume III). In this volume, four lung cancer data sets are the focus of analysis. We highlight three tutorial papers, including one to assist with a basic understanding of lung cancer, a review of survival analysis in the gene expression literature, and a paper on replication. In addition, 14 papers presented at the conference are included. This book is an excellent reference for academic and industrial researchers who want to keep abreast of the state of the art of microarray data analysis. Jennifer Shoemaker is a faculty member in the Department of Biostatistics and Bioinformatics and the Director of the Bioinformatics Unit for the Cancer and Leukemia Group B Statistical Center, Duke University Medical Center. Simon Lin is a faculty member in the Department of Biostatistics and Bioinformatics and the Manager of the Duke Bioinformatics Shared Resource, Duke University Medical Center.

Order online at springer.com/booksellers**Springer Nature Customer Service Center LLC**

233 Spring Street

New York, NY 10013

USA

T: +1-800-SPRINGER NATURE

(777-4643) or 212-460-1500

customerservice@springernature.com

ISBN 978-0-387-23074-0 / BIC: MFN / SPRINGER NATURE: SCB12008

Prices and other details are subject to change without notice. All errors and omissions excepted. Americas: Tax will be added where applicable. Canadian residents please add PST, QST or GST. Please add \$5.00 for shipping one book and \$ 1.00 for each additional book. Outside the US and Canada add \$ 10.00 for first book, \$5.00 for each additional book. If an order cannot be fulfilled within 90 days, payment will be refunded upon request. Prices are payable in US currency or its equivalent.

Part of **SPRINGER NATURE**