



March 2020: 235 x 156: 346pp  
217 illustrations

Hb: 978-1-498-75398-2 | £135.00  
Pb: 978-0-367-89875-5 | £53.99  
eBook: 978-1-315-15270-7

#### TABLE OF CONTENTS:

Foreword by Jarke J. van Wijk. Preface. Author Bios. 1. Introduction. 2. Criteria, Factors, and Models. 3. Visualization Methods and Techniques. 4. Interacting with Visualizations. 5. Automatic Analysis Support. 6. Advanced Concepts. 7. Summary. Bibliography. Index. Figure Credits

#### Reviews:

"What a joy! Tominski and Schumann, acknowledged scholars in the field, arranged brilliantly this whole set of principles, methods, and techniques in an intuitive and easy to read framework. I am looking forward to sharing this book with my colleagues and my students!" --**Professor Enrico Bertini**, NYU School of Engineering

"An excellent, encompassing introduction to concepts and techniques for the visual analysis of data. The book stands out for its concise, integrated coverage of the main approaches for visual representation of and interaction with data, and automatic data analysis support. The work is very accessible and very well suited for classroom use. It is also an inspiring read for practitioners who wish to apply visual data analysis techniques to solve problems in business, engineering, science, and many other domains." --**Professor Tobias Schreck**, Graz University of Technology

"This book fills an important need for both students and practitioners looking to learn that most powerful yet elusive of data visualization concepts: visual analytics. I highly recommend this book, and will be looking to adopt it for my own visual analytics classes." --**Professor Niklas Elmqvist**, University of Maryland

"The book is compact, and it provides orientation and guidance by a clear structure. It is also motivating, among others based on a careful selection of convincing figures. I will strongly recommend the book to the students of my bachelor course on visualization." --**Professor Bernhard Preim**, Department of Simulation and Graphics, Otto-von-Guericke-University

**20% Discount With This Flyer!**

# Interactive Visual Data Analysis

**Christian Tominski & Heidrun Schumann**, University of Rostock, Institute of Computer Science, Germany

*Series: AK Peters Visualization Series*

In the age of big data, being able to make sense of data is an important key to success. *Interactive Visual Data Analysis* advocates the synthesis of visualization, interaction, and automatic computation to facilitate insight generation and knowledge crystallization from large and complex data.

The authors present a top-down perspective on interactive visual data analysis with a focus on concise and clean terminology. Many real-world examples and rich illustrations make the book accessible to a broad interdisciplinary audience from students, to experts in the field, to practitioners in data-intensive application domains.

**20% Discount Available - enter the code FLR40 at checkout\***

Hb: 978-1-498-75398-2 | £108.00

Pb: 978-0-367-89875-5 | £43.19

*\* Offer cannot be used in conjunction with any other offer or discount and only applies to books purchased directly via our website.*

*For more details, or to request a copy for review, please contact: Elliott Morsia, Editor, Elliott.Morsia@tandf.co.uk*



Taylor & Francis Group  
an **informa** business

## Taylor & Francis eBooks

A single platform containing 90,000+ eBooks of award-winning academic content spanning humanities, social science, science, technology, engineering, and medical.

A streamlined experience for library customers

A single point of discovery for our eBook content

Access books & book chapters  
PDFs available for download

A dashboard with data visualization of usage, denials, and much more

Request a **FREE Trial:**  
[support@taylorfrancis.com](mailto:support@taylorfrancis.com)

Learn More by visiting [www.taylorfrancis.com](http://www.taylorfrancis.com)

## Routledge Paperbacks Direct

Responding to the changing needs of academics and students, we have now made a selection of our hardback publishing available in paperback format. Available directly from Routledge only and priced for individual purchase, titles are added to the selection on a regular basis.



For a full list of available titles, visit:  
[www.routledgepaperbacksdirect.com](http://www.routledgepaperbacksdirect.com)



## Routledge Revivals

Discover Past Brilliance...

[www.routledge.com/books/series/Routledge\\_Revivals](http://www.routledge.com/books/series/Routledge_Revivals)

## Order your books today...

All of our books are available to order direct. Alternatively, contact your regular supplier.

### IF YOU ARE IN THE US/CANADA/LATIN AMERICA:

Telephone: Toll Free 1-800-634-7064  
(M-F: 8am-5:30pm)  
E-mail: [orders@taylorandfrancis.com](mailto:orders@taylorandfrancis.com)  
Online: [www.routledge.com](http://www.routledge.com)

#### Sales Tax/GST:

Please add local sales tax if applicable in your state.

Canadian residents please add 5% GST.

#### Postage: US:

Ground: \$5.99 1st book;  
\$1.99 for each additional book  
2-Day: \$9.99 1st book;  
\$1.99 for each additional book  
Next Day: \$29.99 1st book;  
\$1.99 for each additional book

#### Canada:

Ground: \$7.99 1st book;  
\$1.99 for each additional book  
Expedited: \$15.99 1st book;  
\$1.99 for each additional book

#### Latin America:

Airmail: \$44.00 1st book;  
\$7.00 for each additional book  
Surface: \$17.00 1st book;  
\$2.99 for each additional book

### IF YOU ARE IN THE UK/REST OF WORLD:

Telephone: +44 (0) 1235 400524  
Fax: +44 (0) 1235 400525  
E-mail: [tandf@bookpoint.co.uk](mailto:tandf@bookpoint.co.uk)  
Online: [www.routledge.com](http://www.routledge.com)

#### Postage:

**UK:** 5% of total order  
(£1 min charge, £10 max charge).  
Next day delivery +£6.50\*

**Europe:** 10% of total order  
(£2.95 min charge, £20 max charge).  
Next day delivery +£6.50\*

**Rest of World:** 15% of total order  
(£6.50 min charge, £30 max charge).

\*We only guarantee next day delivery for orders received before noon.

### Library Recommendation

Ensure your library has access to the latest publications. Contact your librarian with details of the books you need and ask them to order a copy for your library.

### Complimentary Exam Copy Request

To order a complimentary exam copy, please visit:  
[www.routledge.com/info/compcopy](http://www.routledge.com/info/compcopy)

Prices and publication dates are correct at time of going to press, but may be subject to change without notice.

Our publishing program continues to expand so please visit our website to stay up-to-date.

[www.routledge.com](http://www.routledge.com)



**FREE STANDARD SHIPPING**  
on all orders placed on [www.routledge.com](http://www.routledge.com).