



Springer

1st  
edition

2002, XII, 191 p.

**Printed book**

Softcover

**Printed book**

Softcover

ISBN 978-0-387-95414-1

£ 129,99 | CHF 177,00 | 149,99 € |  
164,99 € (A) | 160,49 € (D)

Available

**Discount group**

Science (SC)

**Product category**

Monograph

**Series**

Springer Series in Statistics

**Statistics : Statistical Theory and Methods**

Ramsay, J.O., Silverman, B.W.

# Applied Functional Data Analysis

**Methods and Case Studies**

Almost as soon as we had completed our previous book *Functional Data Analysis* in 1997, it became clear that potential interest in the field was far wider than the audience for the thematic presentation we had given there. At the same time, both of us rapidly became involved in relevant new research involving many colleagues in fields outside statistics. This book treats the field in a different way, by considering case studies arising from our own collaborative research to illustrate how functional data analysis ideas work out in practice in a diverse range of subject areas. These include criminology, economics, archaeology, rheumatology, psychology, neurophysiology, auxology (the study of human growth), meteorology, biomechanics, and education—and also a study of a juggling statistician. Obviously such an approach will not cover the field exhaustively, and in any case functional data analysis is not a hard-edged closed system of thought. Nevertheless we have tried to give a flavor of the range of methodology we ourselves have considered. We hope that our personal experience, including the fun we had working on these projects, will inspire others to extend “functional” thinking to many other statistical contexts. Of course, many of our case studies required development of existing methodology, and readers should gain the ability to adapt methods to their own problem set.

**Order online at [springer.com/booksellers](http://springer.com/booksellers)****Springer Nature Customer Service Center GmbH**

Customer Service

Tiergartenstrasse 15-17

69121 Heidelberg

Germany

T: +49 (0)6221 345-4301

row-booksellers@springernature.com



ISBN 978-0-387-95414-1 / BIC: PBT / SPRINGER NATURE: SCS11001

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.