



J.O. Ramsay, B.W. Silverman

Applied Functional Data Analysis

Methods and Case Studies

Series: Springer Series in Statistics

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 problems too.

2002, XII, 191 p.

Printed book

Softcover

149,99 € | £129.99 | \$179.99

^[1]160,49 € (D) | 164,99 € (A) | CHF

177,00

eBook

117,69 € | £103.50 | \$139.00

^[2]117,69 € (D) | 117,69 € (A) | CHF

141,50

Available from your library or

springer.com/shop

MyCopy ^[3]

Printed eBook for just

€ | \$ 24.99

springer.com/mycopy

Order online at springer.com / or for the Americas call (toll free) 1-800-SPRINGER / or email us at: customerservice@springernature.com. / For outside the Americas call +49 (0) 6221-345-4301 / or email us at: customerservice@springernature.com.

The first € price and the £ and \$ price are net prices, subject to local VAT. Prices indicated with [1] include VAT for books; the €(D) includes 7% for Germany, the €(A) includes 10% for Austria. Prices indicated with [2] include VAT for electronic products; 19% for Germany, 20% for Austria. All prices exclusive of carriage charges. Prices and other details are subject to change without notice. All errors and omissions excepted. [3] No discount for MyCopy.

