Book Reviews

Semiparametric Regression with R
Jaroslaw Harezlak, David Ruppert and Matt P. Wand
Springer, 2018, xi + 331 pages, €85.39, ebook
ISBN: 978-1-4939-8853-2

Recently, a wide variety of semiparametric modelling techniques have been developed in statistics. The theoretical developments are frequently accompanied by R code or even an associated R library. This book reviews many key semiparametric techniques. In each chapter, there is a brief theoretical introduction followed by a number of examples of practical data sets and the associated R codes (also available on the authors' website). In addition, references are given to the key literature in the area, and a rather extensive set of practical exercises are provided. Although the main part of the material can be embraced by a reasonable basic knowledge of statistical modelling, in some cases, it may be necessary to refer to one of the basic references of the topic being considered.

The authors have done tremendously valuable work by presenting the computational details for implementation of the methods developed in this vast area. I believe that the book as such is very useful both for studying the field and for the application of semiparametric models in practice. The majority of the readership could potentially be made up of students in the field as well as researchers who apply semiparametric models to practical data analysis problems.

Tapio Nummi, *tapio.nummi@tuni.fi*
Faculty of Information Technology and Communication Sciences
FI-33014 Tampere University, Finland