Statistics

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Applied Directional Statistics: Modern Methods and Case Studies collects important advances in methodology and data analysis for directional statistics over the last two decades. All contributors are experts in the field and the book is meant to be useful to both researchers and practitioners. It is the companion book of the more theoretical treatment presented in *Modern Directional Statistics* (CRC Press, 2017).

The field of directional statistics has received a lot of attention over the past two decades, due to new demands from disciplines such as life sciences or machine learning, the availability of massive data sets requiring adapted statistical techniques, and technological advances. This book covers important progress in structural bioinformatics, biology, astrophysics, oceanography, environmental sciences, earth sciences, machine learning and social sciences.

Christophe Ley is professor of mathematical statistics at Ghent University. His research interests include semi-parametrically efficient inference, flexible modeling, directional statistics, sport statistics and the study of asymptotic approximations via Stein's Method. His achievements include the Marie-Jeanne Laurent-Duhamel prize of the Société Française de Statistique and an elected membership of the International Statistical Institute. He is associate editor for the journals *Computational Statistics & Data Analysis*, *Annals of the Institute of Statistical Mathematics*, and *Econometrics and Statistics*.

Thomas Verdebout is professor of mathematical statistics at Université libre de Bruxelles (ULB). His main research interests are semi-parametric statistics, high-dimensional statistics, directional statistics and rank-based procedures. He has won an annual prize of the Belgian Academy of Sciences and is an elected member of the International Statistical Institute. He is associate editor for the journals *Statistics and Probability Letters* and *Journal of Multivariate Analysis*.

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