Mathematical Statistics and Limit Theorems

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Editors

Mathematical Statistics and Limit Theorems

Festschrift in Honour of Paul Deheuvels

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Foreword

Paul Deheuvels is well known for his work in mathematical statistics and probability, especially in the area of limit theorems. Some of the topics on which he has made significant and lasting contributions are extreme and record value theory, renewal theory, copulas, strong approximations, Erdős-Rényi laws, empirical and quantile processes, nonparametric function estimation and Karhunen-Loève expansions. Through his consulting work Paul Deheuvels has also made substantial contributions to applied statistics.

Paul Deheuvels has had a major impact on statistics in France. Most importantly, in 1980 he founded the statistics research laboratory at the Université Pierre et Marie Curie in Paris (the LSTA, Laboratoire de Statistique Théorique et Appliquée), and served as its director until 2013. He has guided a large number of doctoral students. Many of them are now placed in prominent positions in academia and industry. Among other honours, Paul Deheuvels was elected *Fellow of the Institute of Mathematical Statistics* in 1985, and *Membre de l'Académie des Sciences (France)* in 2000 (Correspondent, 1996–2000). As the only statistician in the Académie, he has been a tireless supporter and promoter of statistics in France.

An overview of Paul Deheuvels' research and role as a force in statistics is given in Adrian Raftery's contribution to this Festschrift. A list of his publications is given at the end of the volume.

Preface

During June 20–21, 2013 a committee of former students of Paul Deheuvels organized a conference on *Mathematical Statistics and Limit Theorems* in honour of his 65th birthday at the Jussieu Campus of the Université Pierre et Marie Curie—Paris VI. The committee consisted of

Salim Bouzebda (Université de Technologie de Compiègne, France)
Michel Broniatowski (Université Pierre et Marie Curie—Paris VI, France)
Sarah Ouadah (Université Pierre et Marie Curie—Paris VI, France)
Zhan Shi (Université Pierre et Marie Curie—Paris VI, France)

This volume is a collection of papers contributed by a selection of the invited speakers. Their topics are largely motivated by the research interests of Paul Deheuvels. The editorial board is grateful for the care that the contributors made in preparing their submissions, and acknowledges with thanks the efforts of the many referees who helped them in their editorial task.

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