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Ettore Lanzarone • Francesca Ieva
Editors

The Contribution of Young Researchers to Bayesian Statistics

Proceedings of BAYSM2013

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Preface

This volume includes a selection from the contributions presented at the first Bayesian Young Statistician Meeting (BAYSM 2013). The conference was held at the Institute of Applied Mathematics and Information Technology (IMATI) of the National Research Council of Italy (CNR) in Milan, Italy, on June 5 and 6, 2013.

This conference provided an opportunity for M.S. students, Ph.D. students, postdoctoral scholars, and young researchers dealing with Bayesian statistics to connect with the Bayesian community at large, to exchange ideas, and to know people working in the same field for creating future networks. The aim was to create a scientific forum for the next generation of researchers in Bayesian statistics. In fact, the workshop encouraged discussion and promoted further research in all those fields where Bayesian statistics may be employed. The conference had about 100 participants from 20 different countries and 44 accepted contributions. The conference was divided into 6 talk sessions and 1 poster session, and it was opened by 2 keynote lectures. Finally, the presence of 7 senior discussants allowed participants to get advices and comments to their current researches. Thanks to the great success and interest of participants, BAYSM 2013 became the first of a series of conferences, devoted to young students and researchers dealing with Bayesian statistics. As an example, the second edition will hold in Vienna, Austria, in September 2014. Any other information can be found at the permanent website of the conference www.mi.imati.cnr.it/conferences/BAYSM2013.

This volume is structured in five parts, each one dealing with one of the main-streams treated within the sessions: theoretical methods, computational methods, application of Bayesian statistics to real cases from industry and other applicative contexts, application to life sciences and healthcare, stochastic processes, and models for finance and economics. Finally, the sixth chapter is devoted to one of the keynote lectures, dealing with the publishing process of papers in statistics and, more in general, of scientific papers.

We wish to thank all of the authors who made the conference and this volume possible. We wish to Thanks are also due to reviewers, to senior discussants, and to keynote speakers for their help, their valued suggestions, and their fundamental contributions. Finally, we thank our colleagues at CNR-IMATI and Politecnico di Milano for supporting us in this exciting experience.

Milan, Italy
Milan, Italy

Ettore Lanzarone
Francesca Ieva

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