



Corrado Crocetta (Ed.)

# Theoretical and Applied Statistics

In Honour of Corrado Gini - SIS 2015, Treviso, Italy, September 9–11

Series: Springer Proceedings in Mathematics &amp; Statistics

- Offers a comprehensive overview of the current Italian scientific research linked to the legacy of Corrado Gini
- Provides interesting starting points for further research
- Intended for researchers interested in theoretical and empirical issues regarding data science, statistics and demography

This book is devoted to Corrado Gini, father of the Italian statistical school. It celebrates the 50th anniversary of his death by bearing witness to the continuing extraordinary scientific relevance of his interdisciplinary interests. The book comprises a selection of the papers presented at the conference of the Italian Statistical Society, Statistics and Demography – the Legacy of Corrado Gini, held in Treviso in September 2015. The work covers many topics linked to Gini's scientific legacy, ranging from the theory of statistical inference to multivariate statistical analysis, demography and sociology. In this volume, readers will find many interesting contributions on entropy measures, permutation procedures for the heterogeneity test, robust estimation of skew-normal parameters, S-weighted estimator, measures of multidimensional performance using Gini's delta, small-sample confidence intervals for Gini's gamma index, Bayesian estimation of the Gini-Simpson index, spatial residential patterns of selected foreign groups, minority segregation processes, dynamic time warping to study cruise tourism, and financial stress spill over. This book will appeal to all statisticians, demographers, economists, and sociologists interested in the field.

1st ed. 2019, XV, 121 p. 29 illus., 12 illus. in color.

## Printed book

Hardcover

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