



# Advances in distribution theory, order statistics, and inference /

International Conference on Distribution Theory, Order Statistics,

and Inference (

2004 :

Universidad de Cantabria)

Birkhäuser,

2006

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Monografía

Barry Arnold has made fundamental contributions to many different areas of statistics, including distribution theory, Bayesian inference, multivariate analysis, bounds and orderings, and characterization problems. Organized to honor Arnold's significant contributions to the field, this volume is an outgrowth of the 'International Conference on Distribution Theory, Order Statistics, and Inference', held at the University of Cantabria, Santander, Spain. Several distinguished and active researchers highlight some of the recent developments in statistical distribution theory, order statistics and t.

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**Contenido:** Preliminaries; Contents; Preface; Barry C. Arnold: Career and Accomplishments; Publications; Contributors; List of Tables; List of Figures; PART I: DISCRETE DISTRIBUTIONS AND APPLICATIONS; 1 Stochastic Comparisons of Bernoulli Sums and Binomial Random Variables; 2 Stopped Compound Poisson Process and Related Distributions; 3 Constructions of Discrete Bivariate Distributions; PART II: CONTINUOUS

DISTRIBUTIONS AND APPLICATIONS; 4 The Normal-Laplace Distribution and Its Relatives; 5 Some Observations on a Simple Means of Generating Skew Distributions

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