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Titolo	Randomized Response Techniques : Certain Thought-Provoking Aspects // by Arijit Chaudhuri, Sanghamitra Pal, Dipika Patra
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ISBN	9789819996698 9819996694
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (xviii, 190 pages) : illustrations
Disciplina	635
Soggetti	Sampling (Statistics) Computer science - Mathematics Mathematical statistics Data protection Survey Methodology Probability and Statistics in Computer Science Data and Information Security
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Genesis, background and the need for Randomized Response Techniques (RRT) -- Reviews of background material on RRT -- How to use Randomized Response survey data obtained by a specific procedure to judge its efficiency relative to a possible rival -- Fixing the size of a varying probability sample in a Direct and a Randomized Response survey -- Likelihood approach and its ramifications -- Optional Randomized Response Technique (ORRT) -- Protection of Privacy -- Variation from classical data generating procedures by repeated drawing -- Other Topics beyond Chaudhuri (2011) and Chaudhuri and Christofides (2013) -- Topics covered in the literature subsequent to Chaudhuri (2011) -- Alternatives to RRT in studying sensitive and stigmatizing issues -- An epilogue.
Sommario/riassunto	This book presents an up-to-date perspective on randomized response techniques (RRT). It discusses the most appropriate and efficient procedures of RRT for analysing data from queries dealing with sensitive and confidential issues, including the treatment of infinite and

finite population setups. The book aims to spark a renewed interest among sampling experts who may have overlooked RRT. By addressing the missing topics and incorporating a wide range of contributors' works, it seeks to foster an appreciative academic environment and inspire a reformed and amended view of RRT. As the book unfolds, readers will gain valuable insights into the evolving landscape of RRT and its applications, positioning them at the forefront of this engaging field of study. On RRT, the literature has grown immensely since its inception in 1965 by S.L. Warner. Despite several books published on the subject, there are still two crucial topics missing from the existing RRT literature. This book aims to address these gaps and provide valuable insights to curious readers in the field. The book is mandatory reading for statisticians and biostatisticians, market researchers, operations researchers, pollsters, sociologists, political scientists, economists and advanced undergraduate and graduate students in these areas.

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