1.	Record Nr.	UNINA9910150532003321
	Titolo	Recent advances in robust statistics: theory and applications [[electronic resource] /] / edited by Claudio Agostinelli, Ayanendranath Basu, Peter Filzmoser, Diganta Mukherjee
	Pubbl/distr/stampa	New Delhi : , : Springer India : , : Imprint : Springer, , 2016
	ISBN	81-322-3643-2
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (X, 201 p. 31 illus.)
	Disciplina	330.015195
	Soggetti	Statistics Biometry Statistics for Business, Management, Economics, Finance, Insurance Statistics for Engineering, Physics, Computer Science, Chemistry and Earth Sciences Statistics for Life Sciences, Medicine, Health Sciences Statistics for Social Sciences, Humanities, Law Statistics and Computing/Statistics Programs Biostatistics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references at the end of each chapters.
	Sommario/riassunto	This book offers a collection of recent contributions and emerging ideas in the areas of robust statistics presented at the International Conference on Robust Statistics 2015 (ICORS 2015) held in Kolkata during 12–16 January, 2015. The book explores the applicability of robust methods in other non-traditional areas which includes the use of new techniques such as skew and mixture of skew distributions, scaled Bregman divergences, and multilevel functional data methods; application areas being circular data models and prediction of mortality and life expectancy. The contributions are of both theoretical as well as applied in nature. Robust statistics is a relatively young branch of statistical sciences that is rapidly emerging as the bedrock of statistical analysis in the 21st century due to its flexible nature and wide scope. Robust statistics supports the application of parametric and other

inference techniques over a broader domain than the strictly interpreted model scenarios employed in classical statistical methods. The aim of the ICORS conference, which is being organized annually since 2001, is to bring together researchers interested in robust statistics, data analysis and related areas. The conference is meant for theoretical and applied statisticians, data analysts from other fields, leading experts, junior researchers and graduate students. The ICORS meetings offer a forum for discussing recent advances and emerging ideas in statistics with a focus on robustness, and encourage informal contacts and discussions among all the participants. They also play an important role in maintaining a cohesive group of international researchers interested in robust statistics and related topics, whose interactions transcend the meetings and endure year round.