

1. Record Nr.	UNINA9910300250403321
Autore	Quatember Andreas
Titolo	Pseudo-populations : a basic concept in statistical surveys // by Andreas Quatember
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-11785-8
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (145 p.)
Disciplina	519.5
Soggetti	Statistics Social sciences Statistical Theory and Methods Statistics for Social Sciences, Humanities, Law Methodology of the Social Sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Statistical Surveys -- The Pseudo-Population Concept -- Nonresponse and Untruthful Answering -- Simulation Studies in Survey Sampling -- The Bootstrap Method in Survey Sampling -- Generalized Randomized Response Questioning Designs -- A Unified Framework for Statistical Disclosure Control -- References -- Subject Index.
Sommario/riassunto	This book emphasizes that artificial or pseudo-populations play an important role in statistical surveys from finite universes in two manners: firstly, the concept of pseudo-populations may substantially improve users' understanding of various aspects in the sampling theory and survey methodology; an example of this scenario is the Horvitz-Thompson estimator. Secondly, statistical procedures exist in which pseudo-populations actually have to be generated. An example of such a scenario can be found in simulation studies in the field of survey sampling, where close-to-reality pseudo-populations are generated from known sample and population data to form the basis for the simulation process. The chapters focus on estimation methods, sampling techniques, nonresponse, questioning designs and statistical disclosure control. This book is a valuable reference in understanding

the importance of the pseudo-population concept and applying it in teaching and research.
