

1. Record Nr.	UNISA996499868503316
Titolo	Recent Advances on Sampling Methods and Educational Statistics [[electronic resource] ] : In Honor of S. Lynne Stokes // edited by Hon Keung Tony Ng, Daniel F. Heitjan
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2022
ISBN	3-031-14525-9
Edizione	[1st ed. 2022.]
Descrizione fisica	1 online resource (292 pages)
Collana	Emerging Topics in Statistics and Biostatistics, , 2524-7743
Disciplina	929.374
Soggetti	Statistics Psychometrics Education - Research Applied Statistics Statistical Theory and Methods Educational Research Mostreig (Estadística) Estadística educativa Metodologia Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	1. Predictive modelling and judgement post-stratification -- 2. Judgment post-stratified sampling: A comparison with ranked-set sampling -- 3. Efficient sample allocation by local adjustment for unbalanced ranked-set sampling -- 4. On the versatility of capture- recapture modeling: We can't count what we don't see -- 5. Advances in the use of capture-recapture methodology in the estimation of U.S. census coverage error -- 6. Measurement issues in synthesizing survey-item responses -- 7. Effects of two sources of nonsampling error in fishing surveys -- 8. Triple system estimation with erroneous enumerations -- 9. Record linkage in statistical sampling: Past, present, and future -- 10. A Bayesian latent variable model for analysis of empathic accuracy in psychology -- 11. Variance Estimation for

Random-Groups Linking in Large-Scale Survey Assessments -- 12.  
Item Response Theory and Fisher Information for Small Tests -- 13.  
Statistical Evaluation of Process Variables: A Case Study on Writing Tool  
Usage in Educational Survey Assessment. .

---

Sommario/riassunto

This edited collection commemorates the career of Dr. S. Lynne Stokes by highlighting recent advances in her areas of research interest, emphasizing practical applications and future directions. It serves as a collective effort of leading statistical scientists who work at the cutting edge in statistical sampling. S. Lynne Stokes is Professor of Statistical Science and Director of the Data Science Institute at Southern Methodist University, and Senior Fellow at the National Institute of Statistical Sciences. She has enjoyed a distinguished research career, making fundamental contributions to a variety of fields in statistical sampling. Reflecting on Professor Stokes' main areas of research, this volume is structured into three main parts: I. ranked-set sampling, judgment post-stratified sampling, and capture-recapture methods II. nonsampling errors in statistical sampling III. educational and behavioral statistics This collection will be of interest to researchers, advanced students, and professionals in the public and private sectors who would like to learn more about latest advancements in statistical sampling, particularly those who work in educational and behavioral statistics.

---