

1. Record Nr.	UNINA9910876790903321
Titolo	Assessment methods in statistical education : an international perspective // edited by Penelope Bidgood, Neville Hunt, Flavia Jolliffe
Pubbl/distr/stampa	Hoboken, N.J., : Wiley, 2010
ISBN	1-282-54777-1 9786612547775 0-470-71047-0 0-470-71046-2
Descrizione fisica	1 online resource (306 p.)
Altri autori (Persone)	BidgoodPenelope HuntNeville JolliffeF. R <1942-> (Flavia R.)
Disciplina	519.5071
Soggetti	Mathematical statistics - Study and teaching - Evaluation Statistics
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	Assessment Methods in Statistical Education; Contents; Contributors; Foreword; Preface; Acknowledgements; PART A SUCCESSFUL ASSESSMENT STRATEGIES; 1 Assessment and feedback in statistics; 2 Variety in assessment for learning statistics; 3 Assessing for success: An evidence-based approach that promotes learning in diverse, non-specialist student groups; 4 Assessing statistical thinking and data presentation skills through the use of a poster assignment with real-world data; 5 A computer-based approach to statistics teaching and assessment in psychology; PART B ASSESSING STATISTICAL LITERACY 6 Assessing statistical thinking7 Assessing important learning outcomes in introductory tertiary statistics courses; 8 Writing about findings: Integrating teaching and assessment; 9 Assessing students' statistical literacy; 10 An assessment strategy to promote judgement and understanding of statistics in medical applications; 11 Assessing statistical literacy: Take CARE; PART C ASSESSMENT USING REAL-WORLD PROBLEMS; 12 Relating assessment to the real world; 13 Staged assessment: A small-scale sample survey; 14 Evaluation of design and

variability concepts among students of agriculture

15 Encouraging peer learning in assessment instruments
16 Inquiry-based assessment of statistical methods in psychology; PART D INDIVIDUALISED ASSESSMENT; 17 Individualised assessment in statistics; 18 An adaptive, automated, individualised assessment system for introductory statistics; 19 Random computer-based exercises for teaching statistical skills and concepts; 20 Assignments made in heaven? Computer-marked, individualised coursework in an introductory level statistics course; 21 Individualised assignments on modelling car prices using data from the Internet; References; Index

Sommario/riassunto

Assessment Methods in Statistical Education: An International Perspective provides a modern, international perspective on assessing students of statistics in higher education. It is a collection of contributions written by some of the leading figures in statistical education from around the world, drawing on their personal teaching experience and educational research. The book reflects the wide variety of disciplines, such as business, psychology and the health sciences, which include statistics teaching and assessment. The authors acknowledge the increasingly important role of technolo
