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Nota di contenuto	Cover; CONTENTS; PREFACE; ABOUT THE AUTHORS AND EDITORS; ACKNOWLEDGMENTS; ABBREVIATIONS; INTRODUCTION; Note; Part I: An Introduction to the Statistical Analysis of National Assessment Data; 1. THE DATABASE FOR ANALYSES; Saving the CD Files to Your Hard Drive or Server; Survey Instruments; TABLES; 1.1 Mathematics Test: Distribution of Items by Content Area and Process; Sampling Weights; 1.2 Abbreviated Questionnaire Descriptions; SPSS; EXERCISES; 1.1 Running Descriptive Statistics in SPSS and Saving the Files; EXERCISE FIGURES; 1.1.A: Weight Cases Dialog Box 1.1.B: SPSS Descriptives Dialog BoxWesVar; Notes; 2. EXPLORING NATIONAL ASSESSMENT DATA USING SPSS; Measures of Central Tendency; Measures of Spread; Measures of Position; Measures of Shape; FIGURES; 2.1 Normal Distribution Showing Standard Deviation Units; 2.2 Examples of Distributions with Positive, Negative, and No Skews; Exploring a Data Set Using SPSS; 2.1 Running Explore in SPSS, Single Dependent Variable (One Level); EXERCISE TABLES; 2.1.A: Case-Processing Summary; 2.1.B: Descriptive Statistics; 2.1.A: Stem-and-Leaf Plot for Mathematics Scale Scores

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2.2 Running Explore in SPSS, Single Dependent Variable (More Than One Level); 2.2.A: Box Plots for Mathematics Scale Scores by Region; Notes; 3. AN INTRODUCTION TO WESVAR; Setting Up a Data File in WesVar; Adding Variable Labels; Computing Descriptive Statistics in WesVar; 3.1 Adding Variable Labels in WesVar; 3.1 Generating Descriptive Statistics in WesVar; 3.1.A: New WesVar Workbook; 3.1.B: Specifying Variables for Analysis in WesVar Descriptives; 3.1.C: Output from WesVar Descriptives; 3.1.D: Exporting a WesVar File  
Calculating a Mean Score and Its Standard Error  
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4.2.A: WesVar Workbook Showing Adjustment to Alpha Level

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Sommario/riassunto

This is the fourth and last volume in the set 'National Assessments of Educational Achievement.' Effective assessment of the performance of educational systems is a key component in developing policies to optimize the development of human capital around the world. The five books in the National Assessments of Educational Achievement series introduce key concepts in national assessments of student achievement levels, from policy issues to address when designing and carrying out assessments through test development, questionnaire design, sampling, organizing and carrying out data collection, dat

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