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| 1. Record Nr. | UNINA9910440647103321 |
| Autore | Weisburd David |
| Titolo | Basic Statistics in Criminology and Criminal Justice // by David Weisburd, Chester Britt, David B. Wilson, Alese Wooditch |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020 |
| ISBN | 3-030-47967-6 |
| Edizione | [5th ed. 2020.] |
| Descrizione fisica | 1 online resource (xxi, 612 pages) : illustrations |
| Disciplina | 364.015195 |
| Soggetti | Criminology Social sciences - Statistical methods Statistics in Social Sciences, Humanities, Law, Education, Behavioral Sciences, Public Policy |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
| Nota di contenuto | Introduction: Statistics as a Research Tool -- Measurement: the Basic Building Block of Research -- Representing and Displaying Data -- Describing the Typical Case: Measures of Central Tendency -- How Typical is the Typical Case?: Measuring Dispersion -- The Logic of Statistical Inference: Making Statements About Populations from Sample Statistics -- Defining the Observed Significance Level of a Test: A simple Example Using the Binomial Distribution -- Steps in a Statistical Test: Using the Binomial Distribution to Make Decisions About Hypotheses -- Chi-Square: A Test Commonly Used for Nominal-Level Measures -- The Normal Distribution and Its Application to Tests of Statistical Significance -- Comparing Means and Proportions in Two Samples -- Comparing Means Among More than Two Samples: Analysis of Variance -- Measures of Association for Nominal and Ordinal Variables -- Measuring Association for Interval-Level Data: Pearson's Correlation Coefficient -- An Introduction to Bivariate Regression. |
| Sommario/riassunto | This introductory textbook takes a building-block approach that emphasizes the application and interpretation of statistics in research in crime and justice. This text is meant for both students and professionals who want to gain a basic understanding of common statistical methods used in criminology and criminal justice before |

advancing to more complex statistical analyses in future volumes. This book emphasizes comprehension and interpretation. As the statistical methods discussed become more complex and demanding to compute, it integrates statistical software. It provides readers with an accessible understanding of popular statistical programs used to examine real-life crime and justice problems (including SPSS, Stata, and R). In addition, the book includes supplemental resources such as a glossary of key terms, practice questions, and sample data. Basic Statistics in Criminology and Criminal Justice aims to give students and researchers a core understanding of statistical concepts and methods that will leave them with the confidence and tools to tackle the statistical problems in their own research work.
