Record Nr. UNINA9910463440203321 Autore Fowler Jim <1943-> Titolo Practical statistics for nursing and health care [[electronic resource]] / Jim Fowler, Phil Jarvis and Mel Chevannes Chichester, West Sussex, U.K., : John Wiley & Sons, c2002 Pubbl/distr/stampa **ISBN** 0-471-49715-0 1-118-68562-8 1-118-68561-X Descrizione fisica 1 online resource (231 p.) Altri autori (Persone) JarvisPhil ChevannesMel 610/.21 Disciplina Soggetti Medical statistics Nursing - Research - Statistical methods Electronic books. 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 Cover: Title Page: Contents: Preface: Foreword to Students: 1 INTRODUCTION: 1.1 What do we mean by statistics?; 1.2 Why is statistics necessary?; 1.3 The limitations of statistics; 1.4 Calculators and computers in statistics: 1.5 The purpose of this text: 2 HEALTH CARE INVESTIGATIONS: MEASUREMENT AND SAMPLING CONCEPTS; 2.1 Introduction; 2.2 Populations; 2.3 Counting things - the sampling unit; 2.4 Sampling strategy; 2.5 Target and study populations; 2.6 Sample designs; 2.7 Simple random sampling; 2.8 Systematic sampling; 2.9 Stratified sampling; 2.10 Quota sampling; 2.11 Cluster sampling 2.12 Sampling designs - summary 2.13 Statistics and parameters: 2.14 Descriptive and inferential statistics; 2.15 Parametric and nonparametric statistics; 3 PROCESSING DATA; 3.1 Scales of measurement; 3.2 The nominal scale; 3.3 The ordinal scale; 3.4 The interval scale; 3.5 The ratio scale; 3.6 Conversion of interval observations to an ordinal scale; 3.7 Derived variables; 3.8 Logarithms; 3.9 The precision of

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Sommario/riassunto

Nursing is a growing area of higher education, in which an introduction to statistics is an essential component. There is currently a gap in the market for a 'user-friendly' book which is contextulised and targeted for nursing. Practical Statistics for Nursing and Health Care introduces statistical techniques in such a way that readers will easily grasp the fundamentals to enable them to gain the confidence and understanding to perform their own analysis. It also provides sufficient advice in areas such as clinical trials and epidemiology to enable the reader to critically appraise work published