DESCRIPTION

Quantitative Research Methods for Health Professionals: A Practical Interactive Course is a superb introduction to epidemiology, biostatistics, and research methodology for the whole health care community.

Drawing examples from a wide range of health research, this practical handbook covers important contemporary health research methods such as survival analysis, Cox regression, and meta-analysis, the understanding of which go beyond introductory concepts.

The book includes self-assessment exercises throughout to help students explore and reflect on their understanding and a clear distinction is made between a) knowledge and concepts that all students should ensure they understand and b) those that can be pursued by students who wish to do so.

The authors incorporate a program of practical exercises in SPSS using a prepared data set that helps to consolidate the theory and develop skills and confidence in data handling, analysis and interpretation.

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FEATURES

• Introduces concepts in a practical way

• Integrates epidemiology and bio-statistics to highlight the relevance and power of statistical methods

• Emphasises the interpretation of statistics using examples from a variety of health care situations to stress relevance and application

• Research concepts related to examples of published research to show the application of methods and balance between ideals and the realities of research in practice

• Integrates practical data analysis exercises to develop skills and confidence

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