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Edizione	[1st ed.]
Descrizione fisica	1 online resource (x, 141 pages) : illustrations, charts
Collana	Routledge essentials for nurses
Altri autori (Persone)	ThompsonD. R (David R.)
Disciplina	610.73072
Soggetti	Nursing - Research - Methodology Nursing - Research - Statistical methods Clinical medicine - Research - Methodology
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Nota di bibliografia	Includes bibliographical references (p. [134]-136) and index.
Nota di contenuto	1. Clinical research in nursing -- 2. Designing a clinical study -- 3. The qualities and power of data -- 4. Study sample size calculation -- 5. Choice of statistical tests -- 6. Between-subjects design and tests -- 7. Within-subjects design and tests -- 8. Mixed-group design and tests -- 9. Correlation and association between variables -- 10. Single-sample studies and analysis -- 11. Confidence intervals -- 12. Graphical presentation of data -- 13. The use of computers for statistical analysis -- 14. Considerations when designing a clinical study.
Sommario/riassunto	This invaluable text on the design and analysis of clinical research studies explains the basis of experimental design and statistics in a way that is sensitive to the clinical context in which nurses work. It uses data from actual studies to illustrate how to: *design the study *use and select data *present research findings *use a computer for statistical analysis. The scope of the study designs and associated statistical techniques covered in the book allow both the beginning

nurse researcher and the more seasoned professional nurse investigator to approach a research study with confidence and optimism. The authors show how qualitative data can be approached quantitatively, what the advantages of this are from the nursing viewpoint, and how quantitative methodology can help nurses to develop a common research language with other disciplines involved in patient care.
