1. Record Nr. UNINA9910797345503321 Autore Satake Eiki Titolo Handbook of statistical methods: single subject design / / Eiki Satake. Vinoth Jagaroo, David L. Maxwell Pubbl/distr/stampa San Diego, California;; Oxford, [England];; Brisbane, [Queensland]:,: Plural Publishing Inc., , 2008 ©2008 **ISBN** 1-59756-847-3 Descrizione fisica 1 online resource (177 p.) 610.727 Disciplina Soggetti Clinical medicine - Statistical methods Single subject research Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Description based upon print version of record. Note generali Includes bibliographical references and index. Nota di bibliografia Nota di contenuto ""Contents""; ""Preface""; ""Acknowledgments""; ""Part I. Theoretical Foundations and Statistical Methods of Single Subject Research: Most Frequently Asked Questions""; ""Section A. Frequently Asked Questions""; ""Part II. Clinical Applications in the Behavioral and Health Sciences: Description, Graph, and Statistical Analysis""; ""Section A. Single Subject Designs in the Treatment of Anomia in Aphasia""; ""Section B. Single Subject Designs in the Treatment of Dysarthria""; ""Section C. Single Subject Designs in Clinical and Rehabilitation Psvchologv"" ""Section D. Single Subject Designs in the Assessment of Speech and Hearing Following Cochlear Implants"""Section E. Single Subject Designs in Training Interventions for Children with Autism""; ""Appendix. Analysis of Single Subject Data Using the Beta Probability Distribution (for mathematically inclined readers)""; ""References""; ""Index"" Sommario/riassunto In the behavioral and clinical sciences, single-subject designs have increasingly become important tools for determining a treatment efficacy. Despite a large number of recommendations in recent years for more use of the designs, the majority of typical research methods

textbooks still do not provide sufficient direction and information about single-subject designs. One of the main reasons is that data

analysis of single-subject designs is still foreign to the vast majority of the investigators, practitioners, and students. The authors have developed a practical guide of the most commonly used