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Titolo	Analysis of Data from Randomized Controlled Trials : A Practical Guide // by Jos W.R. Twisk
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ISBN	9783030818654 3030818659
Edizione	[1st ed. 2021.]
Descrizione fisica	1 online resource (167 pages)
Disciplina	616.027
Soggetti	Statistics Clinical medicine - Research Biometry Experimental design Statistical Theory and Methods Clinical Research Biostatistics Design of Experiments
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Introduction -- Analysis of RCT data with one follow-up measurement -- Analysis of RCT data with more than one follow-up measurement -- Analysis of data from a cluster RCT -- Analysis of data from a cross-over trial -- Analysis of data from stepped wedge trials -- Analysis of data from N-of-1 trials -- Dichotomous outcomes -- What to do when only a baseline measurement is available -- Sample size calculations.
Sommario/riassunto	This book provides a practical guide to the analysis of data from randomized controlled trials (RCT). It gives an answer to the question of how to estimate the intervention effect in an appropriate way. This problem is examined for different RCT designs, such as RCTs with one follow-up measurement, RCTs with more than one follow-up measurement, cluster RCTs, cross-over trials, stepped wedge trials, and N-of-1 trials. The statistical methods are explained in a non-mathematical way and are illustrated by extensive examples. All

datasets used in the book are available for download, so readers can reanalyse the examples to gain a better understanding of the methods used. Although most examples are taken from epidemiological and clinical studies, this book is also highly recommended for researchers working in other fields.

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