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| Titolo | Person-centered methods : Configural Frequency Analysis (CFA) and other methods for the analysis of contingency tables // by Mark Stemmler |
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| ISBN | 3-319-05536-4 |
| Edizione | [1st ed. 2014.] |
| Descrizione fisica | 1 online resource (94 p.) |
| Collana | SpringerBriefs in Statistics, , 2191-544X |
| Disciplina | 519.54 |
| Soggetti | Statistics Statistics for Social Sciences, Humanities, Law Statistical Theory and Methods Statistics, general |
| 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 at the end of each chapters and index. |
| Nota di contenuto | Introducing Person-Centered Methods -- CFA Software -- Significance Testing in CFA -- CFA and Log-Linear Modeling -- Longitudinal CFA -- Other Person-Centered Methods Serving as Complimentary Tools to CFA -- CFA and its derivatives -- Glossary -- Index. |
| Sommario/riassunto | This book takes an easy-to-understand look at the statistical approach called the person-centered method. Instead of analyzing means, variances and covariances of scale scores as in the common variable-centered approach, the person-centered approach analyzes persons or objects grouped according to their characteristic patterns or configurations in contingency tables. The main focus of the book will be on Configural Frequency Analysis (CFA; Lienert and Krauth, 1975) which is a statistical method that looks for over and under-frequented cells or patterns. Over frequented means that the observations in this cell or configuration are observed more often than expected, under-frequented means that this cell or configuration is observed less often than expected. In CFA a pattern or configuration that contains more observed cases than expected is called a type; similarly, a pattern or configuration that is less observed than expected are called an |

antitype. CFA is similar to log-linear modeling. In log-linear modeling the goal is to come up with a fitting model including all important variables. Instead of fitting a model, CFA looks at the significant residuals of a log-linear model. The book describes the use of an R-package called confreq (derived from Configural Frequency Analysis). The use of the software package is described and demonstrated with data examples.
