1.	Record Nr.	UNINA9910484581403321
	Autore	Stemmler M (Mark)
	Titolo	Person-Centered Methods : Configural Frequency Analysis (CFA) and Other Methods for the Analysis of Contingency Tables / / by Mark Stemmler
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
	ISBN	3-030-49421-7
	Edizione	[2nd ed. 2020.]
	Descrizione fisica	1 online resource (X, 116 p. 29 illus., 5 illus. in color.)
	Collana	SpringerBriefs in Statistics, , 2191-5458
	Disciplina	519.5
	Soggetti	Social sciences - Statistical methods
		Statistics
		Statistics in Social Sciences, Humanities, Law, Education, Behavorial Sciences, Public Policy
		Statistical Theory and Methods
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	1. Introducing Person-Centered Methods -- 2. CFA Software -- 3. Significance Testing in CFA -- 4. CFA and Log-Linear Modeling -- 5. Longitudinal CFA -- 6. Other Person-Centered Methods Serving as Complimentary Tools for CFA -- 7. CFA and its Derivatives -- Glossary -- Index.
	Sommario/riassunto	This book offers a comprehensible overview of 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. This second edition explores the relationship between two statistical methods: log-linear modeling (LLM) and configural frequency analysis (CFA). Both methods compare expected frequencies with observed frequencies. However, while LLM searches for the underlying dependencies of the involved variables in the data (model-fitting), CFA examines significant residuals in non-fitting models. New developments in the second edition include: Configural Mediation Models, CFA with covariates, moderator CFA, and

CFA modeling branches in tree-based methods. The new developments enable the use of categorical together with continuous variables, which makes CFA a very powerful statistical tool. This new edition continues to utilize R-package confreq (derived from Configural Frequency Analysis), much updated since the first edition and newly adjusted to the new R base program 4.0. An electronic supplement is now available with 18 R-scripts and many datasets.