Record Nr. UNINA9910720093203321 Autore Riebel Julia Titolo Formative modelling in psychology and educational science : datadriven index formation according to the MARI method / / Julia Riebel and Hannah Lichtenberg Pubbl/distr/stampa Wiesbaden, Germany:,: Springer Fachmedien Wiesbaden GmbH,, [2021] ©2023 **ISBN** 9783658394042 9783658394035 Edizione [1st ed. 2023.] 1 online resource (89 pages) Descrizione fisica Disciplina 371.26 Soggetti Educational tests and measurements Tests i proves en educació Llibres electrònics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Nota di bibliografia Includes bibliographical references. The logic of the formative measurement model -- The application of Nota di contenuto the formative measurement model -- Formative measurement models in psychology and education? -- Data-guided index building with the MARI method. . Sommario/riassunto Formative measurement models can be a useful addition to the repertoire of methods in psychology and education, but are largely unknown, whereas they are considered standard procedures in economics. Especially in the field of test and questionnaire development, the formative view on constructs can help to increase the often neglected content validity. In this book, the formative measurement model is presented and distinguished from the reflective model. Possibilities for its application in psychology and education are presented and critically discussed. With the MARI method, a procedure is presented that enables users to implement formative models. The authors Dr. habil. Julia Riebel is a psychologist and substitute professor

for educational science with a focus on school pedagogy and empirical educational research at RWTH Aachen University. Her research interests

include educational-psychological diagnostics and test development. Doctorate in psychology on the diagnostics of mathematical modelling competencies; habilitation on the topic of measuring bullying and cyberbullying. Hannah Lichtenberg, M.Sc., M.A. is a research assistant at the Chair of School Education Pedagogy and Empirical Educational Research at RWTH Aachen University. She holds a Master of Science in International Economic Studies from Maastricht University (The Netherlands) and a Master of Art in Empirical Educational Research from RWTH Aachen University (Germany). This book is a translation of an original German edition. The translation was done with the help of artificial intelligence (machine translation by the service DeepL.com). A subsequent human revision was done primarily in terms of content, so that the book will read stylistically differently from a conventional translation.