

1. Record Nr.	UNINA9910637792203321
Autore	Lecoq Michel
Titolo	How to Manage Migratory Pests and Potential Food Crises : Locusts Plagues in the 2020's
Pubbl/distr/stampa	Basel, : MDPI - Multidisciplinary Digital Publishing Institute, 2022
ISBN	3-0365-5751-2
Descrizione fisica	1 electronic resource (354 p.)
Soggetti	Research & information: general Biology, life sciences Technology, engineering, agriculture
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Locusts are a threat to agriculture and livelihoods in many countries globally. The economic, social, and environmental consequences of these highly migratory pests are so substantial that they are treated as a national priority by many countries; several international commissions have been established to unite efforts. This Special Issue aims to shed light on some overarching questions: what have we learned from historical outbreaks; how serious is the threat; what research is ongoing and is needed to better manage these insects; how should the world respond to plagues today, especially in the context of climate change; are recommended preventive strategies really effective and what are the constraints to their application; and is there a possibility to make better use of biological alternatives to chemical pesticides?

2. Record Nr.	UNINA9910741148603321
Autore	Okada Akinori
Titolo	Facets of Behaviormetrics : The 50th Anniversary of the Behaviormetric Society // edited by Akinori Okada, Kazuo Shigemasu, Ryozo Yoshino, Satoru Yokoyama
Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2023
ISBN	9789819922406 9819922402
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (335 pages)
Collana	Behaviormetrics: Quantitative Approaches to Human Behavior, , 2524-4035 ; ; 4
Altri autori (Persone)	ShigemasuKazuo YoshinoRyozo YokoyamaSatoru
Disciplina	150.721
Soggetti	Statistics Mathematical statistics - Data processing Quantitative research Psychology Applied Statistics Statistical Theory and Methods Statistics and Computing Data Analysis and Big Data Behavioral Sciences and Psychology Conducta (Psicologia) Investigació quantitativa Llibres electrònics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Product-line Design Using Cluster-Based Genetic Algorithms and Tabu Search -- Graphical Analysis and Clustering of Asymmetric Proximities -- Citizens and the Pandemic: Values, Attitudes, Impact -- The MELODIC Family for Simultaneous Binary Logistic Regression in a Reduced Space -- Examining Cross-Cultural Value Questionnaires with Quantitative Methods: Reliability and Scalar Equivalence of the

Measurement Instruments of Human Values in Germany and Japan -- Handbooks as a Means of Mapping a Discipline: An Exploration of the World of Attachment -- Behaviormetrics in Blockchains: A Novel Protocol for Recording, Processing, and Rewarding Valuable Behavior -- Propositions for Quantification Theory -- Exploring Heterogeneity in Happiness: Evidence from a Japanese Longitudinal Survey -- On Likelihood Ratio Tests for Dimensionality Selection -- Chronological Monitoring of the Cross-Resistance Rate of *Pseudomonas aeruginosa* Classified by the Radius-Distance Model -- Effects of Rotation Applied to the Solution of Multiple Correspondence Analysis: Reanalysis of Le Roux and Rouanet's Data -- The Multivariate Power-Gamma Distribution Using Factor Analysis Models -- Looking Back on Japan in the Heisei era from the Perspective of Repeated Survey Data: Focusing on a Sense of "Giri ninj (Obligation-Human feeling)" and "Kurashi-Kata" (Attitudes towards Life) in the Surveys on the Japanese National Character -- Closed Form and Lord-Wingersky Algorithm for the Total Score Distribution of a Test with a General Scoring Scheme: The Distribution of the Sum of Rolling Heterogeneous Dice.

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#### Sommario/riassunto

This edited book is the first one written in English that deals comprehensively with behavior metrics. The term "behaviormetrics" comprehends the research including all sorts of quantitative approaches to disclose human behavior. Researchers in behavior metrics have developed, extended, and improved methods such as multivariate statistical analysis, survey methods, cluster analysis, machine learning, multidimensional scaling, corresponding analysis or quantification theory, network analysis, clustering, factor analysis, test theory, and related factors. In the spirit of behavior metrics, researchers applied these methods to data obtained by surveys, experiments, or websites from a diverse range of fields. The purpose of this book is twofold. One is to represent studies that display how the basic elements of behavior metrics have developed into present-day behavior metrics. The other is to represent studies performed mainly by those who would like to pioneer new fields of behavior metrics and studies that display elements of future behavior metrics. These studies consist of various characteristics such as those dealing with theoretical or conceptual subjects, the algorithm, the model, the method, and the application to a wide variety of fields. This book helps readers to understand the present and future of behavior metrics. .

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