Clustering Analysis in Neuropsychological Research

Recent Applications

Cluster analysis is a multivariate classification technique that allows for identification of homogeneous subgroups within diverse samples based on shared characteristics. In recent years, cluster analysis has been increasingly applied to psychological and neuropsychological variables to address a number of empirical questions. This book provides an overview of cluster analysis, including statistical and methodological considerations in its application to neurobehavioral variables.

Features

- Provides descriptions of accessible and readily applicable classification methods relevant to neuropsychological research
- Provides guidance to understanding of the now extensive cluster analytic literature in neuropsychology
- Provides illustrations of how behaviorally based subgroups within several clinical entities can be related to various other neuroscience methods

Contents

Chapter 1. Introduction.
Chapter 3: Application of Cluster Analysis to Investigate Neuropsychological Heterogeneity in Psychiatric and Neurological Patients.
Chapter 4. Identifying Neuropsychological Stages of Development in Children.
Chapter 5. Classification of Psychological Trauma in the Adult Brain.
Chapter 6: Concluding Remarks.

Fields of interest

- Neuropsychology
- Psychometrics
- Psychological Methods/Evaluation

Target groups

- Research

Discount group

- Medical Professional

W. B. Barr, C. Morrison, New York University, NY, USA (Eds)

Handbook on the Neuropsychology of Epilepsy

Epilepsy is a prevalent condition affecting approximately 1% of the general population. Its behavioral effects on cognition and memory can be as debilitating as the physical aspects caused by ongoing seizures.

Features

- Integrates basic research and practical clinical information on the neuropsychology of epilepsy under one cover.
- Provides inside knowledge on how neuropsychological assessments are performed and evaluated.
- A comprehensive reference that will serve as a clinical resource for working with epilepsy patients.

Contents

Section I: Introduction.
Section II: Case Studies and Classification of Epilepsy.
Section III: The Wada Test.
Section IV: Summary and Conclusion.

Fields of interest

- Neuropsychology
- Neurology
- Pediatrics

Target groups

- Research

Discount group

- Medical Professional

G. F. Bauer, University of Zürich, Switzerland; G. J. Jenny (Eds)

Salutogenic organizations and change

The concepts behind organizational health intervention research

Contents


Fields of interest

- Industrial, Organisational and Economic Psychology
- Health Psychology

Target groups

- Research

Discount group

- Professional Non-Medical

Due April 2013

- $79.99
ISBN 978-1-4614-6743-4

Due July 2013

2013. Approx. 450 p. Hardcover
- approx. $249.00

Due April 2013

2013. Approx. 350 p. 60 illus. Hardcover
- approx. $139.00
ISBN 978-94-007-6469-9
New Series
Specialty Topics in Pediatric Neuropsychology

Series editors: R. J. McCaffrey, E. Fletcher-Janzen

The AAPIN Library Series: Specialty Topics in Pediatric Neuropsychology represents a long-term organizational commitment to the examination of different aspects of the specialty of pediatric neuropsychology. Historically, neuropsychology has been viewed from a life-span perspective because scientific and practice standards were developed prior to the latest psychiatric and imaging methods. The advent of rapid technological progress in areas such as traumatic brain injury, attention deficit hyperactivity disorder, and autism spectrum disorders has influenced and enhanced practice parameters and therefore specialty areas are emerging in neuropsychology. Specialty areas such as geroneuropsychology and rehabilitation are rapidly growing and developing practice standards. Similarly, pediatric neuropsychology is following the demands that once were placed on clinical psychology when the child and adolescent specialty was formally recognized. In sum, when scientific knowledge is presented, the boundaries of practice are expanded and specialties emerge.

Fields of interest
Child and School Psychology; Psychotherapy; Family

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

Due June 2013
2013. VIII, 296 p. (Mindfulness in Behavioral Health) Hardcover
► $79.99
ISBN 978-1-4614-7405-0

Psychology

M. J. Boivin, Michigan State University, East Lansing, MI, USA; B. Giordani, University of Michigan, Ann Arbor, MI, USA (Eds)

Neuropsychology of Children in Africa

Perspectives on Risk and Resilience

Contents

Fields of interest
Neuropsychology; Public Health; Cross Cultural Psychology

Target groups
Research

Discount group
Professional Non-Medical

Due May 2013
2013. XXIII, 520 p. Illus., 16 in color. (Specialty Topics in Pediatric Neuropsychology) Hardcover
► $179.00
After-School Prevention Programs for At-Risk Students
Promoting Engagement and Academic Success

After-School Prevention Programs for At-Risk Students offers professionals a detailed framework for developing and enhancing after-school programs.

Features
- Provides theoretical and research bases for designing after-school programs that ensure academic success for at-risk students
- Features instructive case examples and evidence-based group-centered interventions
- Offers experiential exercises to assist readers in gaining a deeper understanding of how group process works
- Shows how after-school gains translate into improved classroom performance and reduced dropout rates

Contents

Fields of interest
Child and School Psychology; Childhood Education; Social Work

Target groups
Professional/practitioner

Discount group
Professional Non-Medical

Handbook of Resilience in Children of War


Fields of interest
Child and School Psychology; Sociology of Education; Psychiatry

Target groups
Research

Discount group
Professional Non-Medical

Objectification and (De)Humanization

60th Nebraska Symposium on Motivation

People often see nonhuman agents as human-like. Through the processes of anthropomorphism and humanization, people attribute human characteristics, including personalities, free will, and agency to pets, cars, gods, nature, and the like. Similarly, there are some people who often see human agents as less than human, or more object-like. In this manner, objectification describes the treatment of a human being as a thing, disregarding the person’s personality and/or sentence.

Features
- Details implications for areas in everyday functioning, such as interactions with people, animals, and objects, violence, and discrimination
- Systematically investigates the motivations that underlie both extremes of behavior
- Covers relevant research acquired from cognitive and social psychological perspectives

Contents
Chapter 1: Toward a unified theory of objectification and dehumanization.- Chapter 2: The psychology of humanness.- Chapter 3: Varieties of (de)humanization.- Chapter 4: Immortal objects: The objectification of women as terror management.- Chapter 5: On objects and actions: Situating self-objectification in a system justification context.- Chapter 6: Motivated mind perception: Treating pets as people and people as animals.- Chapter 7: Discrimination, objectification, and dehumanization: Toward a pantheoretical framework.

Fields of interest
Personality and Social Psychology; Cognitive Psychology

Target groups
Research

Discount group
Professional Non-Medical
S. Gordon, National University, La Jolla, CA, USA (Ed)

**Neurophenomenology and Its Applications to Psychology**

This book explores the meaning and import of neurophenomenology and the philosophy of enactive or embodied cognition for psychology. It introduces the psychologist to an experiential, non-reductive, holistic, theoretical, and practical framework that integrates the approaches of natural and human science to consciousness. In integrating phenomenology with cognitive science, neurophenomenology provides a bridge between the natural and human sciences that opens an interdisciplinary dialogue on the nature of awareness, the ontological primacy of experience, the perception of the observer, and the mind-brain relationship, which will shape the future of psychological theory, research, and practice.

**Features**
- Explores the meaning and import of neurophenomenology
- Introduces the psychologist to a theoretical and practical framework
- Integrates the approaches of natural and human science to consciousness
- Emphasizes a non-reductionistic, holistic approach

**Contents**

**Fields of Interest**
Cognitive Psychology; Philosophy of Science; General Psychology

**Target groups**
Research

**Discount group**
Professional Non-Medical

---

S. R. Hart, Johns Hopkins University, Baltimore, MD, USA; S. E. Brock, California State University, Sacramento, CA, USA; I. Jeltova, CUNY Graduate Center, New York, NY, USA

**Identifying, Assessing, and Treating Bipolar Disorder at School**

Identifying, Assessing, and Treating Bipolar Disorder at School presents child and education practitioners with an evidence-based framework for accurate identification, assessment, and intervention of bipolar disorder. This straightforward resource clears up misconceptions about the condition, and outlines its complex presentation in young people, where it may appear in tandem with other disorders and bring challenges to treatment.

**Features**
- Makes a significant contribution to the field by facilitating school practitioners’ efforts to identify, assess, and treat bipolar disorder in students
- Focuses directly on the challenges facing busy school-based mental health professionals
- Includes concise statistics of key research findings and valuable guidance on how to apply them efficiently and effectively

**Contents**

**Fields of Interest**
Child and School Psychology; Education (general); Psychotherapy and Counseling

**Target groups**
Professional/practitioner

**Discount group**
Professional Non-Medical

---

M. M. Katz, University of Texas Health Science Center at San Antonio, TX, USA

**Depression and Drugs**

**The Neurobehavioral Structure of a Psychological Storm**

This book explores the meaning and import of neurophenomenology and the philosophy of enactive or embodied cognition for psychology. It introduces the psychologist to an experiential, non-reductive, holistic, theoretical, and practical framework that integrates the approaches of natural and human science to consciousness. In integrating phenomenology with cognitive science, neurophenomenology provides a bridge between the natural and human sciences that opens an interdisciplinary dialogue on the nature of awareness, the ontological primacy of experience, the perception of the observer, and the mind-brain relationship, which will shape the future of psychological theory, research, and practice.

**Features**
- Identifies the major psychological components of the clinically depressed state, emphasizing the dimensional aspects of its structure
- Connects the psychological components with the associated dysfunctions in specific neurotransmitter systems to uncover the “neurobehavioral” foundation of the depressive disorder
- Advances a new clinical method for measuring depression, the “multivantaged assessment (MV)”

**Contents**

**Fields of Interest**
Neuropsychology; Psychiatry; Cognitive Psychology

**Target groups**
Professional/practitioner

**Discount group**
Professional Non-Medical

---

Due May 2013

2013. XXXVI, 236 p. 2 illus., 1 in color. Hardcover
- $129.00
ISBN 978-1-4614-7238-4

Due June 2013

2013. VIII, 168 p. 9 illus., 1 in color. (Developmental Psychopathology at School) Hardcover
- approx. $44.95

Due May 2013

2013. XVII, 206 p. 8 illus. (SpringerBriefs in Psychology) Softcover
- $49.99
ISBN 978-3-319-00388-7

75
Enterprising Psychometrics and Poverty Reduction

This book uses newly collected data with nearly 2000 observations across Africa and Latin America of SME owner/operators to examine if psychometric tools can distinguish the good ones from the bad ones. This book fully describes the development problem and how psychometric tools can help solve it. Moreover, it presents and develops the unique statistical methodologies to deploy psychometric tools for credit screening. This will be the single complete publication of the work to date by the entrepreneurial finance lab, created by Klinger & Khwaja. This work started as a research project at Harvard University’s center for international development, with funding from Google.

Features
- Examines a very pressing development issue that is currently very high profile: unlocking finance for SMEs in developing countries.
- Represents a unique application of psychology methods to a real-world development problem.
- Represents an applicable solution to a real-world problem that will garner significant interest from development practitioners, policy makers, and the banking/finance industry.

Contents
- Innovations in Poverty Reduction: An Introduction.
- The Development Problem.
- A Psychology-Enabled Solution to small and medium-sized enterprise finance.
- Methodology.
- Results and Discussions.

Fields of Interest
- Industrial, Organisational and Economic Psychology
- Psychological Methods/Evaluation; Finance/Investment/Banking

Target groups
- Research

Discount group
- Professional Non-Medical

Due May 2013

- $49.99
ISBN 978-1-4614-7226-1
Beyond the Systems Paradigm
Emerging Constructs in Family and Personality Psychology

This monograph owes its origins to the decades-old proposal by David Bakan (1968) about the duality of human experience. He proposed that community and agency would be two necessary and sufficient constructs to classify and to encompass most human relationships. This dichotomy has been found to be valid by a variety of contributions over the last half a century (L’Abate, 2009; L’Abate, Cusinato, Maino, Colesso, & Scilletta, 2010). Additionally, the purpose of this book is to argue and assert that two important fields of psychology, family and personality psychologies, if not already dead are conceptually, empirically, and practically moribund. They are being superseded respectively by perhaps more appropriate, perhaps more specific, and more likely verifiable concepts and constructs, such as intimacy and identity.

Feature
► Origins of this volume are derived from David Bakan’s old proposal about the duality of human experience.

Contents

Fields of interest
Personality and Social Psychology; Developmental Psychology; Psychology Research

Target groups
Research

Discount group
Professional Non-Medical

Pathways to Illness, Pathways to Health

This book, designed for professionals, introduces a psychobiological model for understanding the paths that lead people to illness and provides recommendations for alterations of maladaptive pathways so that health is regained. Research findings are incorporated to identify causal variables for illness that can be targets for change. Evidence based recommendations for healthy behaviors and therapies are described.

Features
► Summarizes behavioral, psychological, cognitive, and genetic predispositions that lead people to illness. ► Emphasizes turning points that lead to health. ► Emphasizes the concept that the clinician guides the individual, who acts as the primary agent of change.

Contents

Fields of interest
Health Psychology; General Practice / Family Medicine; Health Promotion and Disease Prevention

Target groups
Professional/practitioner

Discount group
Medical Professional
An Integrated View of Health and Well-being
Bridging Indian and Western Knowledge

Contents

Fields of interest
Positive Psychology; Quality of Life Research; Regional and Cultural Studies

Target groups
Research

Discount group
Professional Non-Medical

Toward a Socially Responsible Psychology for a Global Era

Contents

Fields of interest
Cross Cultural Psychology; Political Science, general

Target groups
Research

Discount group
Professional Non-Medical

The Invisible Territory of NowHereland
Healthcare for Undocumented Migrants in Europe

Undocumented migrants gain increasing attention in the EU as a vulnerable group exposed to high health risks. While all EU member states ratified the human right to health care, heterogeneous national public health policies open up different frameworks for health care provision which in many cases severely restrict entitlements for UDM to access health care. Accordingly, practice models how to ensure the human right to health follow different logic.

Feature
Healthcare for Undocumented Migrants in Europe

Contents
Borders of solidarity.- debates on inclusion and exclusion of undocumented migrants.- Services providing health care for undocumented migrants in Europe and Switzerland: overview on organisations, their services, their personnel and their clients.- Practice in context: five contextualised models of good practice: model descriptions and assessments against the background of policies and client’s needs.- Undocumented migrant’s health care needs and strategies from the perspective of NGOs and civil society.- XX ways to live in NowHereland: experiences of undocumented migrants in the EU and Switzerland.- Insights into living and working situations of undocumented migrants in Reggio Emilia, Italy.- The transatlantic perspective: the US situation.

Field of interest
Health Psychology

Target groups
Research

Discount group
Professional Non-Medical
The Impact of Personality on Participation Decisions in Surveys

A Contribution to the Discussion on Unit Nonresponse

Increasing nonresponse rates in surveys are a matter of concern internationally, as low response rates put the quality of survey data into question. The risk of biased data is high if nonrespondents differ significantly from respondents. In arguing that sample persons’ personality traits are decisive in survey participation decisions, Denise Saßenroth investigates the mechanisms causing increasing nonresponse rates. Based on a modification of the Social Isolation Hypothesis, she analyses the impact of sample persons’ personality on participation decisions with data from the German General Social Survey and the LISS Panel from the Netherlands.

Feature
► Publication in the field of social sciences

Contents
An Introduction to Survey Nonresponse - Explaining Social Sciences: The Macro-Micro-Macro Model - The Contribution of Personality Traits to Explaining Survey Refusals - Participation in the German General Social Survey - Participation in the LISS Panel.

Field of interest
Psychological Methods/Evaluation

Target groups
Research

Discount group
Professional Non-Medical

Due May 2013
2013. I, 191 p. 17 illus. Softcover
► $59.99
ISBN 978-3-658-01780-4

Due June 2013
2013. XI, 358 p. 33 illus., 3 in color. (Quality of Life in Asia, Volume 3) Hardcover
► $129.00

Due May 2013
2013. I, 337 p. 5 illus. Hardcover
► $129.00
ISBN 978-1-4614-7281-0

Positive Psychology
Advances in Understanding Adult Motivation

Contents

Fields of interest
Positive Psychology; Personality and Social Psychology

Target groups
Research

Discount group
Professional Non-Medical
New Series
Advances in Development and Psychopathology: Brain Research Foundation Symposium Series
Series editors: P. H. Tolan, B. L. Leventhal
The Institute for Juvenile Research/Children’s Brain Research Foundation International Symposium Series on Brain Development and Clinical Psychopathology has been developed by Patrick Tolan, Ph.D., and Bennett Leventhal, M.D., establishing an annual conference that draws together each year a select group of world-leading scientists to participate in a working meeting on a key topic of child psychopathology. Conference invitation and participation carries a stipend and an agreement to co-author a chapter with two other leading scientists in the area. This provides an unusual level of quality and incentive for the strongest book product. Going forward, each annual conference will produce one edited volume, focusing on a specific topical area in developmental psychopathology research and practice. Each volume focuses on addressing timely central issues in advancing knowledge and understanding of children’s mental health. For example, the first conference focuses on disruptive behavior disorders in children organized around 7 key questions. Each topic/question is spearheaded by three illustrious scientists, and the overall attending participants—who also constitute the authors for this first volume—are among the most renowned child mental health researchers and clinicians. In the coming years, the conference and subsequent book volumes will focus on such issues as role of schools in mental health, parenting as a key focus of prevention, variations in response to medication and other treatments of ADHD, the relation of varying forms of autism spectrum disorders, roots of depression in early childhood, role of trauma in child psychopathology, and best practices in promotion of mental health. Series co-editors, Patrick Tolan, Ph.D., and Bennett Leventhal, M.D., are senior researchers and professional leaders in the field of child mental health with substantial experience as authors and editors, including edited volumes like this proposed series.

P. H. Tolan, University of Virginia, Charlottesville, VA, USA; B. L. Leventhal, Nathan Kline Institute, Orangeburg, NY, USA (Eds)

Disruptive Behavior Disorders

Contents

Fields of interest
Child and School Psychology; Psychiatry; Educational Psychology

Target groups
Research

Discount group
Professional Non-Medical

Due June 2013
➤ $349.00

M. D. Weist, University of South Carolina, Columbia, SC, USA; N. A. Lever, University of Maryland School of Medicine, Baltimore, MD, USA; C. P. Bradshaw, Johns Hopkins University, Baltimore, MD, USA; J. S. Owens, Ohio University, Athens, OH, USA (Eds)

Handbook of School Mental Health
Research, Training, Practice, and Policy

Contents
Commentary 1; Hill Walker.- Commentary 2; Lucille Eber.- Commentary 3; Kathy Short.- Commentary 4; Abraham Wandersman and Deborah Hamm.- Chapter 1. Introduction: Further Advancing the Field of School Mental Health; Mark D. Weist, Nancy A. Lever, Catherine P. Bradshaw, Julie Sarno Owens.- Section I. Foundations: Funding, Training, and Interdisciplinary Collaboration.- Chapter 2. Funding Expanded School Mental Health Programs; Nicole Cammack, Nicole Evangelista Brandt, Eric Slade, Nancy Lever, Sharon Stephan.- Chapter 3. Preparing School Mental Health Professionals: Competencies in Interdisciplinary and Cross-System Collaboration; Kurt D. Michael, Seth Bernstein, Julie Sarno Owens, Abby Albright, Dawn Anderson-Butcher.- Chapter 4. Pre-service Training for School Mental Health Clinicians; Nancy Lever, Michael Lindsey, Lindsey Grimm, Mark D. Weist.- Chapter 5. Effective School Teams: Benefits, Barriers, and Best Practices; Robert S. Markle, Joni W. Splett, Melissa A. Maras, Karen J. Weston.- Chapter 6. Advancing School Mental Health in Montana: Partnership, Research, and Policy; Erin Butts, Sara Casey, Carol Ewen.- Chapter 7. Building Bridges: The Role of Expanded School Mental Health in Supporting Students with Emotional and Behavioral Difficulties in the Least Restrictive Environment; Carrie Mills, Dana Cunningham.- Section II. [...]
C. Umiltà, University of Padua, Italy

**Cognitive Neuroscience is Too Immature to Marry Social Science**

In recent years, a number of new disciplines have emerged that are characterized by the prefix “neuro” added to the name of a traditional discipline from the fields of social sciences or humanities. As a result, we now for example have “neuro-sociology”, “neuro-ethics” and “neuro-marketing”: “neuro+” disciplines. In this book, author Carlo Umilta asks the obvious question whether the flourishing of “neuro+” disciplines is an index of a true and fruitful cross-fertilization between the fields of social sciences and humanities in general and the field of cognitive neuroscience. In four compelling arguments presented in this comprehensive libretto, he argues that the answer to this question should be in the negative.

**Features**
- Covers a controversial and timely topic in both neuropsychology and social sciences
- Describes a development that has increasingly affected sociology, philosophy and economics alike in recent years
- Presents four key reasons of why the author is of the opinion that there currently is no true and fruitful cross-fertilization between the neurosciences and the social sciences

**Contents**

There will be no separate chapters in this Brief. (there will be paragraphs that will have headers and possibly sub-headers, but no chapters)

**Fields of interest**
Neuropsychology; Social Sciences, general; Neurosciences

**Target groups**
Research

**Discount group**
Professional Non-Medical

Due July 2013


$49.95
ISBN 978-1-4614-3815-1

R. L. Wiener, E. M. Brank, University of Nebraska-Lincoln, NE, USA (Eds)

**Problem Solving Courts**

**Social Science and Legal Perspectives**

In order to make the criminal court system more effective there has been a growing trend to have courts participate in what is essentially a rehabilitation strategy. Such courts are often referred to as “problem-solving” because they are working on root causes of criminal behavior as part of the dispensation of justice.

**Features**
- Covers the full range of problem-solving courts
- The most comprehensive coverage of the topic with contributions by leading experts
- Provides the existing research base and indications for future research directions

**Contents**


**Fields of interest**
Law and Psychology; Criminology & Criminal Justice; Criminal Law

**Target groups**
Research

**Discount group**
Professional Non-Medical

Due June 2013

2013. Approx. 350 p. Hardcover

$179.00