

Contents

Social Indicators Research: Societal Monitoring and Social Reporting

Heinz-Herbert Noll and Wolfgang Zapf

1	The Origin of a Movement and its Objectives	1
2	Principles and Approaches	3
3	Social Reporting: Achievements and Results	5
4	Evaluating the Effort: A View from the Nineties	10
5	Looking Ahead	11

Nationwide General Social Surveys

James A. Davis, Peter Ph. Mohler, and Tom W. Smith

1	Overview	17
2	Origins of NGSS.....	17
3	Conclusion: Trends and Perspectives.....	23

Measurement in Multi-National Surveys

Duane F. Alwin, Michael Braun, Janet Harkness, and Jacqueline Scott

1	Introduction.....	26
2	Comparative Research in the Social Sciences	27
3	Problems of Functional Equivalence of Measurements.....	30
4	Conclusions - The Future	35

Cognitive and Communicative Aspects of Survey Measurement

Norbert Schwarz, Herbert Bless, Hans-J. Hippler, Fritz Strack, and Seymour Sudman

1	Introduction.....	40
2	Respondents' Tasks	41
3	Question Comprehension	41
4	Attitude Measurement and the Emergence of Context Effects	44
5	Concluding Remarks.....	54

Secondary Analysis of Official Microdata

Richard Alba, Walter Müller, and Bernhard Schimpl-Neimanns

1	Introduction	57
2	Illustrations from the United States	58
3	Empirical Social Research and Official Data in Germany.....	60
4	Strengths and Weaknesses of Secondary Analysis of Official Microdata.....	63
5	Analytic Potential of Major Bodies of Official Microdata.....	66
6	Research Potential and Prospects	71

Computer-Assisted Interviewing in Social and Market Research

Rolf Porst, Michael Schneid, and Jan Willem van Brouwershaven

1	History	79
2	Definitions and Descriptions.....	81
3	Classification and Function of Computer Technology for Social and Market Research	81
4	Features and Capabilities of Computer-Assisted Data Collection Systems.....	85
5	Implications and Methodological Aspects of the Use of Computers	88
6	New Data Collection Techniques.....	92
7	The Future of Computer-Assisted Data Collection.....	94

The Study of Work Values: A Call for a More Balanced Perspective

Arthur P. Brief and Ramon J. Aldag

1	Introduction	99
2	A Brief History of Work Values and their Study.....	100
3	Support for the External View.....	102
4	Other Evidence for the Functionality of Economic Work Outcomes	107
5	Implications for Management Practice.....	110
6	Implications for Applied Organizational Research.....	111

Theory and Practice of Sample Surveys

Horst Stenger and Siegfried Gabler

1	Introduction.....	125
2	Fixed Populations and Sampling Designs.....	125
3	Superpopulation Models	130
4	Analytic Studies.....	132
5	Nonsampling Errors.....	133
6	Sampling at ZUMA.....	134

Statistics and the Sciences

Jan de Leeuw

1	Introduction.....	139
2	Statistics	139
3	The Evaluation of Statistical Techniques	142
4	The Role of Models in Statistics.....	144
5	Connection Models and Techniques	147

Measurement: The Reasonable Ineffectiveness of Mathematics in the Social Sciences

Peter H. Schönemann

1	Introduction.....	149
2	The Dangers of Premature Precision	150
3	Scaling and Measurement.....	152
4	Uniqueness, Meaningfulness and Klein's Erlanger Program.....	154
5	The Psychology of Rectangles.....	155
6	The Unreasonable Effectiveness of Mathematics in the Natural Sciences	157

Nominal, Ordinal, Interval and Ratio Typologies are Misleading

Paul Velleman and Leland Wilkinson

1	Introduction.....	161
2	Stevens' Typology of Data.....	161
3	Prescribing and Proscribing Statistics	163
4	Classical Criticisms of Stevens Proscriptions'	164

5	The Controversy over Statistics and Scale Types.....	165
6	Alternative Scale Taxonomies	166
7	Proscribing Transformations.....	167
8	Good Data Analysis does not Assume Data Types.....	167
9	Stevens' Categories do not Describe Fixed Attributes of Data	168
10	Stevens' Categories are Insufficient to Describe Data Scales	169
11	Statistics Procedures cannot be Classified according to Stevens' Criteria.....	169
12	Scale Types are not Precise Categories.....	170
13	Scales and Data Analysis.....	170
14	Meaningfulness	171
15	The Axiomatic Argument	172
16	A Role for Data Types	173
17	Conclusion.....	174

Evolving Notions of Facet Theory

Ingwer Borg

1	Introduction.....	178
2	Early FT and Attitudinal Behavior.....	180
3	Early FT and Intelligence Testing.....	181
4	On Mapping Sentences and Models.....	183
5	Content Facets and Range Facets	186
6	On Item Definitions and Attitudes	188
7	Correspondence Hypotheses	190
8	FT as a Theory.....	194
9	FT Perspectives.....	195

Factor Analysis in the 1980's and the 1990's: Some Old Debates and Some New Developments

James H. Steiger

1	Introduction.....	201
2	Some Theoretical Background	202
3	Key Developments from 1980-1994.....	207
4	Challenges and Directions for Future Research.....	217

Causal Modeling: Some Trends and Perspectives

Frank Faulbaum and Peter M. Bentler

1	Aims and Scope of Causal Modeling: Overview and Historical Developments	224
2	Constructing Initial Candidate Models.....	226
3	Model Estimation.....	230
4	Evaluation of Model Fit (Fit Indexes).....	234
5	Model Modification	239
6	Concluding Remarks and Suggestions for Future Research	240

Attitude Theory and Measurement: Implications for Survey Research

Icek Ajzen and Dagmar Krebs

1	Historical Perspective	250
2	Unidimensional Conceptions of Attitude	251
3	Multidimensional Conceptions of Attitude.....	257
4	Conclusions	261

Reconciling Macro and Micro Perspectives by Multilevel Models: An Application to Regional Wage Differences

Uwe Blien, Michael Wiedenbeck, and Gerhard Arminger

1	Multilevel Models Bridge the Gap between the Micro and Macro Level	266
2	An Example: the Regional Wage Curve Hypothesis.....	267
3	Random Coefficient Models.....	268
4	Data and Variables to Test the Wage-Curve Hypothesis.....	274
5	Results.....	275
6	Summary	280

A Phenomenological Approach to Social Research: The Perspective of the Other

Carl F. Graumann

1	The Notion of Approach	283
2	The Conception of a Phenomenological Approach	284
3	Phenomenology and Social Research.....	285
4	Phenomenological Approaches in Social Research: Two Illustrations	286
5	The Phenomenological Approach in Perspective.....	290

Hermeneutic Interpretation in Qualitative Research: Between Art and Rules

Manfred Lueger and Jürgen H.P. Hoffmeyer-Zlotnik

1	The Tradition of Hermeneutics.....	294
2	Psychoanalytic Hermeneutics.....	296
3	Objective Hermeneutics.....	298
4	Hermeneutics of the Sociology of Knowledge	301
5	Interpretation: Rules versus Art or Rules Within Art	303
6	Prospects	304

**On the Integration of Quantitative and Qualitative Methodological Paradigms
(Based on the Example of Content Analysis)**

Norbert Groeben and Ruth Rustemeyer

1	The Metatheoretical Point of Departure: The Position of Content Analysis Between Monism and Dualism.....	308
2	Prototypes for Systematizing Understanding.....	312
3	(Methodological) Goal Criteria for a Constructive Approach to Content Analysis: Adjustment of Rules with Explicit Elaboration of Inferences.....	317
4	On the Link Between Methodical Systematics and Object Adjustment as a Way of Reconciling the Quantitative and the Qualitative Paradigm	322

Trends and Perspectives in Content Analysis

Peter R. Schrott and David J. Lanoue

1	Introduction	327
2	Post-War Research on Content Analysis.....	328
3	A Content Analysis of Content Analyses: Research Design.....	329
4	Results	330
5	Recent Developments in Content Analysis.....	337
6	Conclusion	339

About the Contributors

Name Index.....

Subject Index.....