Reader’s Guide

ANALYSIS OF VARIANCE
Analysis of Covariance (ANCOVA)
Analysis of Variance (ANOVA)
Main Effect
Model I ANOVA
Model II ANOVA
Model III ANOVA
One-Way ANOVA
Two-Way ANOVA

ASSOCIATION AND CORRELATION
Association
Association Model
Asymmetric Measures
Biserial Correlation
Canonical Correlation Analysis
Correlation
Correspondence Analysis
Intraclass Correlation
Multiple Correlation
Part Correlation
Partial Correlation
Pearson’s Correlation Coefficient
Semi-partial Correlation
Simple Correlation (Regression)
Spearman Correlation Coefficient
Strength of Association
Symmetric Measures

BASIC QUALITATIVE RESEARCH
Autobiography
Life History Method
Life Story Interview
Qualitative Content Analysis
Qualitative Data Management
Qualitative Research

Quantitative and Qualitative Research, Debate About
Secondary Analysis of Qualitative Data

BASIC STATISTICS
Alternative Hypothesis
Average
Bar Graph
Bell-Shaped Curve
Bimodal
Case
Causal Modeling
Cell
Covariance
Cumulative Frequency Polygon
Data
Dependent Variable
Dispersion
Exploratory Data Analysis
F Ratio
Frequency Distribution
Histogram
Hypothesis
Independent Variable
Median
Measures of Central Tendency
N (n)
Null Hypothesis
Pie Chart
Regression
Standard Deviation
Statistic
\( t \)-Test
\( x \)
Variable
\( z \)-Test

CAUSAL MODELING
Causality
Dependent Variable
Effects Coefficient
Endogenous Variable
Exogenous Variable
Independent Variable
Path Analysis
Structural Equation Modeling

DISCOURSE/CONVERSATION ANALYSIS
Accounts
Conversation Analysis
Critical Discourse Analysis
Deviant Case Analysis
Discourse Analysis
Foucauldian Discourse Analysis
Interpretative Repertoire
Proof Procedure

ECONOMETRICS
ARIMA
Cointegration
Durbin-Watson Statistic
Econometrics
Fixed Effects Model
Mixed-Effects Model
Panel
Panel Data Analysis
Random-Effects Model
Selection Bias
Serial Correlation (Regression)
Time-Series Cross-Section (TSCS) Models
Time-Series Data (Analysis/Design)
Tobit Analysis

EPISTEMOLOGY
Constructionism, Social
Epistemology
Idealism
Interpretivism
Laws in Social Science
Logical Positivism
Methodological Holism
Naturalism
Objectivism
Positivism

ETHNOGRAPHY
Autoethnography
Case Study
Creative Analytical Practice (CAP) Ethnography

Critical Ethnography
Ethnographic Content Analysis
Ethnographic Realism
Ethnographic Tales
Ethnography
Participant Observation

EVALUATION
Applied Qualitative Research
Applied Research
Evaluation Research
Experiment
Heuristic Inquiry
Impact Assessment
Qualitative Evaluation
Randomized Control Trial

EVENT HISTORY ANALYSIS
Censoring and Truncation
Event History Analysis
Hazard Rate
Survival Analysis
Transition Rate

EXPERIMENTAL DESIGN
Experiment
Experimenter Expectancy Effect
External Validity
Field Experimentation
Hawthorne Effect
Internal Validity
Laboratory Experiment
Milgram Experiments
Quasi-Experiment

FACTOR ANALYSIS AND RELATED TECHNIQUES
Cluster Analysis
Commonality Analysis
Confirmatory Factor Analysis
Correspondence Analysis
Eigenvalue
Exploratory Factor Analysis
Factor Analysis
Oblique Rotation
Principal Components Analysis
Rotated Factor
Rotations
Varimax Rotation

FEMINIST METHODOLOGY
Feminist Ethnography
Feminist Research
Gender Issues
Standpoint Epistemology

GENERALIZED LINEAR MODELS
General Linear Models
Generalized Linear Models
Link Function
Logistic Regression
Logit
Logit Model
Poisson Regression
Probit Analysis

HISTORICAL/COMPARATIVE
Comparative Method
Comparative Research
Documents, Types of
Emic/Etic Distinction
Historical Methods
Oral History

INTERVIEWING IN QUALITATIVE RESEARCH
Biographic Narrative Interpretive Method (BNIM)
Dependent Interviewing
Informant Interviewing
Interviewing in Qualitative Research
Narrative Interviewing
Semistructured Interview
Unstructured Interview

LATENT VARIABLE MODEL
Confirmatory Factor Analysis
Item Response Theory
Factor Analysis
Latent Budget Analysis
Latent Class Analysis
Latent Markov Model
Latent Profile Model
Latent Trait Models
Latent Variable
Local Independence
Nonparametric Random-Effects Model
Structural Equation Modeling

LIFE HISTORY/BIOGRAPHY
Autobiography
Biographic Narrative Interpretive Method (BNIM)
Interpretive Biography
Life History Method
Life Story Interview
Narrative Analysis
Psychoanalytic Methods

LOG-LINEAR MODELS (CATEGORICAL DEPENDENT VARIABLES)
Association Model
Categorical Data Analysis
Contingency Table
Expected Frequency
Goodness-of-Fit Measures
Log-Linear Model
Marginal Model
Marginals
Mobility Table
Odds Ratio
Saturated Model
Sparse Table

LONGETUDINAL ANALYSIS
Cohort Analysis
Longitudinal Research
Panel
Period Effects
Time-Series Data (Analysis/Design)

MATHEMATICS AND FORMAL MODELS
Algorithm
Assumptions
Basic Research
Catastrophe Theory
Chaos Theory
Distribution
Fuzzy Set Theory
Game Theory
MEASUREMENT LEVEL
- Attribute
- Binary
- Categorical
- Continuous Variable
- Dichotomous Variables
- Discrete
- Interval
- Level of Measurement
- Metric Variable
- Nominal Variable
- Ordinal Measure

MEASUREMENT TESTING AND CLASSIFICATION
- Conceptualization, Operationalization, and Measurement
- Generalizability Theory
- Item Response Theory
- Likert Scale
- Multiple-Indicator Measures
- Summated Rating Scale

MULTILEVEL ANALYSIS
- Contextual Effects
- Dependent Observations
- Fixed Effects Model
- Mixed-Effects Model
- Multilevel Analysis
- Nonparametric Random-Effects Model
- Random-Coefficient Model
- Random-Effects Model

MULTIPLE REGRESSION
- Adjusted R-Squared
- Best Linear Unbiased Estimator
- Beta
- Generalized Least Squares
- Heteroskedasticity
- Interaction Effect
- Misspecification
- Multicollinearity
- Multiple Regression Analysis
- Nonadditive R-Squared
- Regression
- Regression Diagnostics

QUALITATIVE DATA ANALYSIS
- Analytic Induction
- CAQDAS
- Constant Comparison
- Grounded Theory
- In Vivo Coding
- Memos, Memoing
- Negative Case
- Qualitative Content Analysis

SAMPLING IN QUALITATIVE RESEARCH
- Purposive Sampling
- Sampling in Qualitative Research
- Snowball Sampling
- Theoretical Sampling

SAMPLING IN SURVEYS
- Multistage Sampling
- Quota Sampling
- Random Sampling
- Representative Sample
- Sampling Error
- Stratified Sampling
- Systematic Sampling

SCALING
- Attitude Measurement
- Bipolar Scale
- Dimension
- Dual Scaling
- Guttman Scaling
- Index
- Likert Scale
- Multidimensional Scaling (MDS)
- Optimal Scaling
- Scale
- Scaling
- Semantic Differential Scale
- Thurstone Scaling

SIGNIFICANCE TESTING
- Alpha, Significance Level of a Test
- Confidence Interval
Level of Significance
One-Tailed Test
Power of a Test
Significance Level
Significance Testing
Statistical Power
Statistical Significance
Substantive Significance
Two-Tailed Test

SIMPLE REGRESSION
Coefficient of Determination
Constant
Intercept
Least Squares
Linear Regression
Ordinary Least Squares
Regression on . . .
Regression
Scatterplot
Slope
Y-Intercept

SURVEY DESIGN
Computer-Assisted Personal
Interviewing
Internet Surveys

Statistical Power
Statistical Significance
Substantive Significance
Two-Tailed Test

TIME SERIES
ARIMA
Box-Jenkins Modeling
Cointegration
Detrending
Durbin-Watson Statistic
Error Correction Models
Forecasting
Granger Causality
Interrupted Time-Series Design
 Intervention Analysis
Lag Structure
Moving Average
Periodicity
Serial Correlation
Spectral Analysis
Time-Series Cross-Section (TSCS)
Models
Time-Series Data (Analysis/Design)
Trend Analysis