Tabular Data Protection
Privacy Disclosure Analysis and Control for 2D Contingency Tables Containing Inaccurate Data p. 1
A Tool for Analyzing and Fixing Infeasible RCTA Instances p. 17
Branch-and-Cut versus Cut-and-Branch Algorithms for Cell Suppression p. 29
Data Swapping for Protecting Census Tables p. 41
Eliminating Small Cells from Census Counts Tables: Some Considerations on Transition Probabilities p. 52
Three Ways to Deal with a Set of Linked SBS Tables Using \( \epsilon \)-ARGUS p. 66
Microdata Protection
IPUMS-International Statistical Disclosure Controls: 159 Census Microdata Samples in Dissemination, 100+ in Preparation p. 74
Uncertainty for Anonymity and 2-Dimensional Range Query Distortion p. 85
PRAM Optimization Using an Evolutionary Algorithm p. 97
Multiplicative Noise Protocols p. 107
Measurement Error and Statistical Disclosure Control p. 118
Semantic Microaggregation for the Anonymization of Query Logs p. 127
Data Environment Analysis and the Key Variable Mapping System p. 138
Synthetic Data
Using Support Vector Machines for Generating Synthetic Datasets p. 148
Synthetic Data for Small Area Estimation p. 162
Disclosure Risk of Synthetic Population Data with Application in the Case of EU-SILC p. 174
Differential Privacy
Differential Privacy and the Risk-Utility Tradeoff for Multi-dimensional Contingency Tables p. 187
Does Differential Privacy Protect Terry Gross’ Privacy? p. 200
Some Additional Insights on Applying Differential Privacy for Numeric Data p. 210
On-Line Databases and Remote Access
The Microdata Analysis System at the U.S. Census Bureau p. 234
Establishing an Infrastructure for Remote Access to Microdata at Eurostat p. 249
Privacy-Preserving Protocols
Coprivacy: Towards a Theory of Sustainable Privacy p. 258
Privacy-Preserving Record Linkage p. 269
Legal Issues
Strategies to Achieve SDC Harmonisation at European Level: Multiple Countries, Multiple Files, Multiple Surveys p. 284
Author Index p. 297
Table of Contents provided by Blackwell's Book Services and R.R. Bowker. Used with permission.