

1. Record Nr.	UNINA990000457640403321
Autore	Caltech conference on very large scale integration : <3. ; : 1983>
Titolo	Third caltech conference on very large scale integration / editor Randal Bryant
Pubbl/distr/stampa	Berlin ; Heidelberg : Springer-Verlag, ©1983
ISBN	3-540-12369-5
Descrizione fisica	430 p. : ill. ; 24 cm
Disciplina	621.395
Locazione	DINEL
Collocazione	10 PRO 349
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
2. Record Nr.	UNISA996389683203316
Autore	White John <d. 1671.>
Titolo	Arts treasury [[electronic resource] ] : containing many profitable extraordinary rareties, and curious inventions : in two parts .
Pubbl/distr/stampa	London, : Printed for George Conyers ..., [169-?]
Edizione	[The second edition with large additions.]
Descrizione fisica	[4], 138 p
Soggetti	Technological innovations - England Handbooks, vade-mecums, etc
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Imperfect: stained, with print show-through and some loss of print. Advertisement: p. [2] Reproduction of original in the Huntington Library.

**Nota di contenuto** (from t.p.) Part I. containing the mystery of dying cloths, silks, stuffs, hair, feathers, bone, horn, ivory, leather, &c. ... -- Part II. containing the quality, generation and product of metals and minerals, natural and artificial, directions to harden them or soften them for use ...

**Sommario/riassunto** eebo-0113

3. **Record Nr.** UNINA9910830648503321
- Autore** Rubin Donald B
- Titolo** Multiple imputation for nonresponse in surveys [[electronic resource] /] / Donald B. Rubin
- Pubbl/distr/stampa** Hoboken, N.J. ; , : Wiley-Interscience, 2004
- ISBN** 1-282-30759-2  
9786612307591  
0-470-31669-1  
0-470-31736-1
- Descrizione fisica** 1 online resource (xxix, 287 p. ) : ill
- Collana** Wiley series in probability and mathematical statistics. Multiple imputation for nonresponse in surveys  
Wiley classics library
- Disciplina** 001.422
- Soggetti** Multiple imputation (Statistics)  
Nonresponse (Statistics)  
Social surveys - Response rate  
Multiple imputation (Statistics) - Response rate  
Social surveys  
Social Sciences  
Statistics - General  
Electronic books.
- Lingua di pubblicazione** Inglese
- Formato** Materiale a stampa
- Livello bibliografico** Monografia
- Note generali** Originally published: Wiley, 1987  
Formerly CIP.
- Nota di bibliografia** Includes bibliographical references: (p. 244-250) and indexes.
- Nota di contenuto** Tables and Figures. Glossary. 1. Introduction. 1.1 Overview. 1.2 Examples of Surveys with Nonresponse. 1.3 Properly Handling

Nonresponse. 1.4 Single Imputation. 1.5 Multiple Imputation. 1.6 Numerical Example Using Multiple Imputation. 1.7 Guidance for the Reader. 2. Statistical Background. 2.1 Introduction. 2.2 Variables in the Finite Population. 2.3 Probability Distributions and Related Calculations. 2.4 Probability Specifications for Indicator Variables. 2.5 Probability Specifications for  $(X, Y)$ . 2.6 Bayesian Inference for a Population Quality. 2.7 Interval Estimation. 2.8 Bayesian Procedures for Constructing Interval Estimates, Including Significance Levels and Point Estimates. 2.9 Evaluating the Performance of Procedures. 2.10 Similarity of Bayesian and Randomization-Based Inferences in Many Practical Cases. 3. Underlying Bayesian Theory. 3.1 Introduction and Summary of Repeated-Imputation Inferences. 3.2 Key Results for Analysis When the Multiple Imputations are Repeated Draws from the Posterior Distribution of the Missing Values. 3.3 Inference for Scalar Estimands from a Modest Number of Repeated Completed-Data Means and Variances. 3.4 Significance Levels for Multicomponent Estimands from a Modest Number of Repeated Completed-Data Means and Variance-Covariance Matrices. 3.5 Significance Levels from Repeated Completed-Data Significance Levels. 3.6 Relating the Completed-Data and Completed-Data Posterior Distributions When the Sampling Mechanism is Ignorable. 4. Randomization-Based Evaluations. 4.1 Introduction. 4.2 General Conditions for the Randomization-Validity of Infinite-  $m$  Repeated-Imputation Inferences. 4.3 Examples of Proper and Improper Imputation Methods in a Simple Case with Ignorable Nonresponse. 4.4 Further Discussion of Proper Imputation Methods. 4.5 The Asymptotic Distribution of  $(\bar{Q}_m, \bar{U}_m, \bar{B}_m)$  for Proper Imputation Methods. 4.6 Evaluations of Finite-  $m$  Inferences with Scalar Estimands. 4.7 Evaluation of Significance Levels from the Moment-Based Statistics  $D_m$  and  $\tilde{D}_m$  with Multicomponent Estimands. 4.8 Evaluation of Significance Levels Based on Repeated Significance Levels. 5. Procedures with Ignorable Nonresponse. 5.1 Introduction. 5.2 Creating Imputed Values under an Explicit Model. 5.3 Some Explicit Imputation Models with Univariate  $Y_I$  and Covariates. 5.4 Monotone Patterns of Missingness in Multivariate  $Y_I$ . 5.5 Missing Social Security Benefits in the Current Population Survey. 5.6 Beyond Monotone Missingness. 6. Procedures with Nonignorable Nonresponse. 6.1 Introduction. 6.2 Nonignorable Nonresponse with Univariate  $Y_I$  and No  $X_I$ . 6.3 Formal Tasks with Nonignorable Nonresponse. 6.4 Illustrating Mixture Modeling Using Educational Testing Service Data. 6.5 Illustrating Selection Modeling Using CPS Data. 6.6 Extensions to Surveys with Follow-Ups. 6.7 Follow-Up Response in a Survey of Drinking Behavior Among Men of Retirement Age. References. Author Index. Subject Index. Appendix I. Report Written for the Social Security Administration in 1977. Appendix II. Report Written for the Census Bureau in 1983.

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### Sommario/riassunto

This title demonstrates how nonresponse in sample surveys and censuses can be handled by replacing each missing value with two or more multiple imputations. It clearly illustrates the advantages of modern computing to handle such key surveys, and demonstrates the benefit of this statistical technique.

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