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Autore	Rosenbaum Paul R
Titolo	Design of observational studies [[electronic resource] /] / by Paul R. Rosenbaum
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-46405-9
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (XXVII, 547 p. 34 illus.)
Collana	Springer Series in Statistics, , 0172-7397
Disciplina	001.434
Soggetti	Statistics Probabilities Econometrics Biostatistics Psychology—Methodology Psychological measurement Social sciences
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Part I Beginnings -- 1 Dilemmas and Craftsmanship -- 2 Causal Inference in Randomized Experiments -- 3 Two Simple Models for Observational Studies -- 4 Competing Theories Structure Design -- 5 Opportunities, Devices, and Instruments -- 6 Transparency -- 7 Some Counterclaims Undermine Themselves -- Part II Matching -- 8 A Matched Observational Study -- 9 Basic Tools of Multivariate Matching -- 10 Various Practical Issues in Matching -- 11 Fine Balance -- 12 Matching Without Groups -- 13 Risk-Set Matching -- 14 Matching in R -- Part III Design Sensitivity -- 15 The Power of a Sensitivity Analysis and Its Limit -- 16 Heterogeneity and Causality -- 17 Uncommon but Dramatic Responses to Treatment -- 18 Anticipated and Discovered Patterns of Response -- 19 Choice of Test Statistic -- Part IV Enhanced Design -- 20 Evidence Factors -- 21 Constructing Several Comparison Groups -- Part V Planning Analysis -- 22 After Matching, Before Analysis -- 23 Planning the Analysis -- Summary: Key Elements of Design -- Solutions to Common Problems -- Symbols -- Acronyms --

Sommario/riassunto

This second edition of *Design of Observational Studies* is both an introduction to statistical inference in observational studies and a detailed discussion of the principles that guide the design of observational studies. An observational study is an empiric investigation of effects caused by treatments when randomized experimentation is unethical or infeasible. Observational studies are common in most fields that study the effects of treatments on people, including medicine, economics, epidemiology, education, psychology, political science and sociology. The quality and strength of evidence provided by an observational study is determined largely by its design. *Design of Observational Studies* is organized into five parts. Chapters 2, 3, and 5 of Part I cover concisely many of the ideas discussed in Rosenbaum's *Observational Studies* (also published by Springer) but in a less technical fashion. Part II discusses the practical aspects of using propensity scores and other tools to create a matched comparison that balances many covariates, and includes an updated chapter on matching in R. In Part III, the concept of design sensitivity is used to appraise the relative ability of competing designs to distinguish treatment effects from biases due to unmeasured covariates. Part IV is new to this edition; it discusses evidence factors and the computerized construction of more than one comparison group. Part V discusses planning the analysis of an observational study, with particular reference to Sir Ronald Fisher's striking advice for observational studies: "make your theories elaborate." This new edition features updated exploration of causal influence, with four new chapters, a new R package *DOS2* designed as a companion for the book, and discussion of several of the latest matching packages for R. In particular, *DOS2* allows readers to reproduce many analyses from *Design of Observational Studies*.

2. Record Nr.	UNINA9910778460703321
Autore	Rommel Florian
Titolo	Active Directory disaster recovery [[electronic resource] /] / Florian Rommel ; reviewers, James Eaton-Lee, Nathan Yocom
Pubbl/distr/stampa	Birmingham, U.K., : Packt Publishing Ltd., c2008
ISBN	1-281-38649-9 9786611386498 1-84719-328-5
Descrizione fisica	1 online resource (252 p.)
Disciplina	005.7/136
Soggetti	Directory services (Computer network technology) Data recovery (Computer science) - Planning Emergency management Data protection
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"Expert guidance on planning and implementing Active Directory disaster recovery plans."
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Copyright; Credits; About the Author; About the Reviewers; Table of Contents; Preface; An Overview of Active Directory Disaster Recovery; What is Disaster Recovery?; Why is Disaster Recovery Needed?; Conventions Used in This Book; Disaster Recovery for Active Directory; Disaster Types and Scenarios Covered by This Book; Recovery of Deleted Objects; Single DC Hardware Failure; Single DC AD Corruption; Site AD Corruption; Corporate (Complete) AD Corruption; Complete Site Hardware Failure; Corporate (Complete) Hardware Failure; Summary; Active Directory Design Principles Active Directory Elements The Active Directory Forest; The Active Directory Tree; Organizational Units and Leaf Objects; Active Directory Sites; Group Policy Objects; Domain Design: Single Forest, Single Domain, and Star Shaped; Domain Design: Single Forest, Single Domain, Empty Root, Star Shaped; Domain Design: Multi-Domain Forest; Domain Design: Multi-Forest; LRS-Lag Replication Site; Design Your Active Directory; Naming Standards; Username and Service Account Naming; Group Policy Naming; Design with Scalability in Mind;

Flexible Single Master Operation Roles (FSMO)

Migration from Other Authentication Services Keeping Up-To-Date and Safe; Documentation; Backups; Summary; Design and Implement a Disaster Recovery Plan for Your Organization; Analyze the Risks, Threats, and the Ways to Mitigate; The Two-Part, 10 Step Implementation Guide; Part One: The Steps for General Implementation; Calculate and Analyze; Create a Business Continuity Plan; Present it to the Management (Part 1 and 2); Define Roles and Responsibilities; Train the Staff for DR; Test Your DRP Frequently; Part Two: Implementing a Disaster Recovery Plan for AD; Writing is Not All Ensure that Everyone is Aware of Locations of the DRP Define the Order of Restoration for Different Systems (Root First in Hub Site, then Add One Server etc.); Go back to "Presentation to Management"; Summary; Strengthening AD to Increase Resilience; Baseline Security; Domain Policy; Domain Controller Security Policy; Securing Your DNS Configuration; Secure Updates; Split Zone DNS; Active Directory Integrated Zones; Configuring DNS for Failover; DHCP within AD; Tight User Controls and Delegation; Proper User Delegation; Group Full control; Group with Less Control Group to Allow Password Resets Central Logging; Proper Change Management; Virtualization and Lag Sites; Resource Assignment; Backups and Snapshots; Deployment; Sites and Services Explained; Creating Sites, Subnets, and Site Links; Setting Replication Schedules and Costs; Cost; Scheduling; Site Scheduling; Link Scheduling; Lag Sites and Warm Sites; Configuring a Lag Site; Creating, Configuring and Using a Warm Site; Summary; Active Directory Failure On a Single Domain Controller; Problems and Symptoms; Symptoms; Causes; Solution Process; Solution Details; Verification of Corruption Tools for Verification

Sommario/riassunto

Expert guidance on planning and implementing Active Directory disaster recovery plans with this book and eBook
