

1. Record Nr.	UNINA9910144694803321
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Titolo	Applied regression including computing and graphics [[electronic resource] /] / R. Dennis Cook, Sanford Weisberg
Pubbl/distr/stampa	New York, : Wiley, 1999
ISBN	1-282-30751-7 9786612307515 0-470-31694-2 0-470-31778-7
Descrizione fisica	1 online resource (632 p.)
Collana	Wiley series in probability and statistics. Texts and references section
Altri autori (Persone)	WeisbergSanford <1947->
Disciplina	519.5 519.536
Soggetti	Regression analysis Multivariate analysis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"A Wiley-Interscience publication."
Nota di bibliografia	Includes bibliographical references (p. 571-578) and indexes.
Nota di contenuto	Applied Regression Including Computing and Graphics; Contents; Preface; PART I INTRODUCTION; 1 Looking Forward and Back; 1.1 Example: Haystack Data; 1.2 Example: Bluegill Data; 1.3 Loading Data into Arc; 1.4 Numerical Summaries; 1.4.1 Display Summaries; 1.4.2 Command Line; 1.4.3 Displaying Data; 1.4.4 Saving Output to a File and Printing; 1.5 Graphical Summaries; 1.5.1 Histograms; 1.5.2 Boxplots; 1.6. Bringing in the Population; 1.6. I The Density Function; 1.6.2 Normal Distribution; I .6.3 Computing Normal Quantiles; 1.6.4 Computing Normal Probabilities; 1.6.5 Boxplots of Normal Data 1.6.6 The Sampling Distribution of the Mean1.7 Inference; 1.7.1 Sample Mean; 1.7.2 Confidence Interval for the Mean; 1.7.3 Probability of a Record Bluegill; 1.8 Complements; Problems; 2 Introduction to Regression; 2.1 Using Boxplots to Study Length \ Age; 2.2 Using a Scatterplot to Study Length \ Age; 2.3 Mouse Modes; 2.3.1 Show Coordinates Mouse Mode; 2.3.2 Slicing Mode; 2.3.3 Brushing Mode; 2.4 Characterizing Length\ Age; 2.5 Mean and Variance Functions; 2.5.1 Mean Function; 2.5.2 Variance Function; 2.6 Highlights; 2.7 Complements; Problems; 3 Introduction to Smoothing

3.1 Slicing a Scatterplot; 3.2 Estimating $E(y | x)$ by Slicing; 3.3 Estimating $E(y | x)$ by Smoothing; 3.4 Checking a Theory; 3.5 Boxplots; 3.6 Snow Geese; 3.6.1 Snow Goose Regression; 3.6.2 Mean Function; 3.6.3 Variance Function; 3.7 Complements; Problems; 4 Bivariate Distributions; 4.1 General Bivariate Distributions; 4.1.1 Bivariate Densities; 4.1.2 Connecting with Regression; 4.1.3 Independence; 4.1.4 Covariance; 4.1.5 Correlation Coefficient; 4.2 Bivariate Normal Distribution; 4.2.1 Correlation Coefficient in Normal Populations; 4.2.2 Correlation Coefficient in Non-normal Populations; 4.3. Regression in Bivariate Normal Populations; 4.3.1 Mean Function; 4.3.2 Mean Function in Standardized Variables; 4.3.3 Mean Function as a Straight Line; 4.3.4 Variance Function; 4.4 Smoothing Bivariate Normal Data; 4.5 Complements; 4.5.1 Confidence Interval for a Correlation; 4.5.2 References; Problems; 5 Two-Dimensional Plots; 5.1 Aspect Ratio and Focusing; 5.2 Power Transformations; 5.3 Thinking about Power Transformations; 5.4 Log Transformations; 5.5 Showing Labels and Coordinates; 5.6 Linking Plots; 5.7 Point Symbols and Colors; 5.8 Brushing; 5.9 Name Lists; 5.10 Probability Plots; 5.11 Complements; Problems; PART II. TOOLS; 6 Simple Linear Regression; 6.1 Simple Linear Regression; 6.2 Least Squares Estimation; 6.2.1 Notation; 6.2.2 The Least Squares Criterion; 6.2.3 Ordinary Least Squares Estimators; 6.2.4 More on Sample Correlation; 6.2.5 Some Properties of Least Squares Estimates; 6.2.6 Estimating the Common Variance, $(T^*$; 6.2.7 Summary; 6.3 Using Arc; 6.3.1 Interpreting the Intercept; 6.4 Inference; 6.4.1 Inferences about Parameters; 6.4.2 Estimating Population Means; 6.4.3 Prediction; 6.5 Forbes' Experiments, Revisited; 6.6 Model Comparison; 6.6.1 Models; 6.6.2 Analysis of Variance

Sommario/riassunto

A step-by-step guide to computing and graphics in regression analysis. In this unique book, leading statisticians Dennis Cook and Sanford Weisberg expertly blend regression fundamentals and cutting-edge graphical techniques. They combine and update most of the material from their widely used earlier work, *An Introduction to Regression Graphics*, and Weisberg's *Applied Linear Regression*; incorporate the latest in statistical graphics, computing, and regression models; and wind up with a modern, fully integrated approach to one of the most important tools of data analysis. In 23 chapters,

2. Record Nr.	UNINA9910783143603321
Autore	Barwise Jon
Titolo	The liar : an essay on truth and circularity // Jon Barwise, John Etchemendy
Pubbl/distr/stampa	New York ; ; Oxford : , : Oxford University Press, , 1987 ©1987
ISBN	9786610524112 0-19-536309-4 1-280-52411-1 0-19-802175-5
Descrizione fisica	1 online resource (207 pages) : illustrations
Disciplina	165
Soggetti	Liar paradox
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Contents; 1 The Liar; 2 Sentences, Statements, and Propositions; 3 The Universe of Hypersets; 4 Modeling Russellian Propositions; 5 Truth of Russellian Propositions; 6 Consequences of the Russellian Account; 7 Sentences and Russellian Propositions; 8 Modeling Austinian Propositions; 9 Austinian Propositions and the World; 10 An Austinian Semantics; 11 Relating the Russellian and Austinian Accounts; 12 Negation and Denial; 13 Conclusions; Bibliography; Index; Postscript
Sommario/riassunto	This monograph purports to provide a solution to semantical paradoxes like ""the liar"". The authors base this solution on J.L.Austin's idea of truth, which is fundamental to situation semantics, and compare two models of language, propositions and truth.