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	Titolo	Applied Statistics and Multivariate Data Analysis for Business and Economics : A Modern Approach Using SPSS, Stata, and Excel / / by Thomas Cleff
	Pubbl/distr/stampa	Cham : , , : Springer International Publishing : , , : Imprint : Springer, , 2019
	ISBN	3-030-17767-X
	Edizione	[1st ed. 2019.]
	Descrizione fisica	1 online resource (XXIII, 474 p. 269 illus., 110 illus. in color.)
	Disciplina	519.535
	Soggetti	Econometrics
		Big data
		Statistics
		Big Data/Analytics
		Statistics for Business, Management, Economics, Finance, Insurance
		Statistics for Social Sciences, Humanities, Law
		Statistics and Computing/Statistics Programs
		Econometria
		Anàlisi multivariable
		Estadística econòmica
		Llibres electrònics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Statistics and Empirical Research -- From Disarray to Dataset -- Univariate Data Analysis -- Bivariate Association -- Classical Measurement Theory.-Calculating Probability -- Random Variables and Probability Distributions -- Parameter Estimation -- Hypothesis Testing -- Regression Analysis -- Time Series and Indices -- Cluster Analysis -- Factor Analysis.
	Sommario/riassunto	This textbook will familiarize students in economics and business, as well as practitioners, with the basic principles, techniques, and applications of applied statistics, statistical testing, and multivariate data analysis. Drawing on practical examples from the business world,

it demonstrates the methods of univariate, bivariate, and multivariate statistical analysis. The textbook covers a range of topics, from data collection and scaling to the presentation and simple univariate analysis of quantitative data, while also providing advanced analytical procedures for assessing multivariate relationships. Accordingly, it addresses all topics typically covered in university courses on statistics and advanced applied data analysis. In addition, it does not limit itself to presenting applied methods, but also discusses the related use of Excel, SPSS, and Stata.