1.	Record Nr.	UNINA9910829875803321
	Autore	Rossi Richard J. <1956->
	Titolo	Applied biostatistics for the health sciences / / Richard J. Rossi
	Pubbl/distr/stampa	Hoboken, NJ : , : Wiley, , 2022
	ISBN	1-119-72271-3
		1-119-72267-5
	Edizione	[Second edition.]
	Descrizione fisica	1 online resource (xv, 667 pages) : illustrations
	Disciplina	610.72
	Soggetti	Medical statistics
		Statistics
		Biometry
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Introduction to biostatistics -- Describing populations -- Random sampling -- Summarizing random samples -- Measuring the reliability of statistics -- Confidence intervals -- Testing statistical hypotheses -- Simple linear regression -- Multiple regression -- Logistic regression -- Design of experiments -- Analysis of variance -- Survival analysis.
	Sommario/riassunto	"In this newly revised edition of Applied Biostatistics for the Health Sciences, accomplished statistician Dr. Richard Rossi delivers a robust and easy-to-understand exploration of statistics in the context of applied health science and biostatistics. The book covers sample design, logistic regression, experimental design, survival analysis, basic statistical computation, and many more topics with a strong focus on the correct use and interpretation of statistics. The author also explains how to assess the quality of observed data, how to collect quality data, and the use of confidence intervals in conjunction with hypothesis and significance tests. A thorough introduction to biostatistics, including explanations of fundamental concepts like populations, samples, statistics, biomedical studies, and data set examples. A comprehensive exploration of population descriptions, including qualitative and quantitative variables, multivariate data, measures of dispersion, and probability. Practical discussions of random sampling, summarizing random samples, and the measurement of the reliability of statistics.

In-depth examinations of confidence intervals, statistical hypothesis testing, simple and multiple linear regression, and experimental design. Perfect for health science and biostatistics students and professors at the upper undergraduate and graduate levels, Applied Biostatistics for the Health Sciences is also a must-read reference for practitioners and professionals in the fields of pharmacy, biochemistry, nursing, health care informatics, and the applied health sciences."-- Provided by publisher.

2.	Record Nr.	UNINA9910255058003321
	Autore	Tarvid Alexander
	Titolo	Agent-Based Modelling of Social Networks in Labour–Education Market System / / by Alexander Tarvid
	Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2016
	ISBN	3-319-26539-3
	Edizione	[1st ed. 2016.]
	Descrizione fisica	1 online resource (102 p.)
	Collana	Understanding Complex Systems, , 2191-5326
	Disciplina	006.3
	Soggetti	Labor economics
		Game theory
		Sociophysics
		Econophysics
		Physics
		Labor Economics
		Game Theory, Economics, Social and Behav. Sciences
		Data-driven Science, Modeling and Theory Building
		Applications of Graph Theory and Complex Networks
	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	Social Networks and Labour-Education Market System -- Complex Adaptive Systems and Agent-Based Modelling -- Using Agent-Based Modelling in Studying Labour-Education Market System.
	Sommario/riassunto	This book covers the modelling of human behaviour in the education

and labour markets, which due to their interdependency are viewed as one system. Important factors influencing the decision-making of individuals and firms in this system are discussed. The role of social environment and networks is stressed. The approach of agent-based modelling is presented and compared with standard economic modelling and other simulation techniques in the context of modelling complex adaptive systems. Practical questions in building agent-based models of labour–education market system with social networks are discussed. These questions include modelling the structure of education system and agent behaviour there; modelling and calibrating the labour market without and with firms; generating the social network, defining its behaviour and calibrating it; and embedding the resulting system into a larger model.