

1. Record Nr.	UNINA9910822311303321
Autore	Kirkwood Betty R
Titolo	Essential medical statistics [[electronic resource] /] / Betty R. Kirkwood, Jonathan A.C. Sterne
Pubbl/distr/stampa	Malden, Mass., : Blackwell Pub., 2003
ISBN	1-4443-9284-0 1-282-81780-9 9786612817809
Edizione	[2nd ed.]
Descrizione fisica	x, 501 p. : ill
Altri autori (Persone)	SterneJonathan A. C
Disciplina	610/.7/27
Soggetti	Medical statistics Medicine - Research - Statistical methods
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Using this book -- Defining the data -- Displaying the data -- Means, standard deviations and standard errors -- The normal distribution -- Confidence interval for a mean -- Comparison of two means: confidence intervals, hypothesis tests and P-values -- Using P-values and confidence intervals to interpret the results of statistical analyses -- Comparison of means from several groups: analysis of variance -- Linear regression and correlation -- Multiple regression -- Goodness of fit and regression diagnostics -- Transformations -- Probability, risks and odds (of disease) -- Proportions and the binomial distribution -- Comparing two proportions -- Chi-squared tests for 2 x 2 and larger contingency tables -- Controlling for confounding: stratification -- Logistic regression: comparing two or more exposure groups -- Logistic regression: controlling for confounding and other extensions -- Matched studies -- Longitudinal studies, rates and the Poisson distribution -- Comparing rates -- Poisson regression -- Standardization -- Survival analysis: displaying and comparing survival patterns -- Regression analysis of survival data -- Likelihood -- Regression modelling -- Relaxing model assumptions -- Analysis of clustered data -- Systematic reviews and meta-analysis -- Bayesian statistics -- Linking analysis to study design: summary of methods -- Calculation of required sample size -- Measurement error: assessment

and implications -- Measures of association and impact -- Strategies
for analysis -- Appendix: statistical tables.
