

1.	Record Nr.	UNISA990001932140203316
	Autore	SIMON, Marcel
	Titolo	Le judaisme et le christianisme antique : d'Antiochus Epiphane a Constantin / par Marcel Simon et Andre Benoit
	Pubbl/distr/stampa	Paris : Presses universitaires de France, 1968
	Descrizione fisica	360 p. ; 18 cm
	Collana	Nouvelle Clio ; 10
	Altri autori (Persone)	BENOIT, André
	Collocazione	II.2. 145(Varie Coll.115/10)
	Lingua di pubblicazione	Francese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910830302503321
	Autore	Demidenko Eugene
	Titolo	M-Statistics : Optimal Statistical Inference for a Small Sample
	Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2023 ©2023
	ISBN	1-119-89182-5 1-119-89180-9 1-119-89181-7
	Edizione	[1st ed.]
	Descrizione fisica	1 online resource (243 pages)
	Disciplina	519.5/4
	Soggetti	Mathematical statistics
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Nota di contenuto	Cover -- Title Page -- Copyright -- Contents -- Preface -- Chapter 1 Limitations of classic statistics and motivation -- 1.1 Limitations of

classic statistics -- 1.1.1 Mean -- 1.1.2 Unbiasedness -- 1.1.3
 Limitations of equaltail statistical inference -- 1.2 The rationale for a
 new statistical theory -- 1.3 Motivating example: normal variance --
 1.3.1 Confidence interval for the normal variance -- 1.3.2 Hypothesis
 testing for the variance -- 1.3.3 MC and MO estimators of the variance
 -- 1.3.4 Sample size determination for variance -- 1.4 NeymanPearson
 lemma and its extensions -- 1.4.1 Introduction -- 1.4.2 Two lemmas
 -- References -- Chapter 2 Maximum concentration statistics -- 2.1
 Assumptions -- 2.2 Short confidence interval and MC estimator -- 2.3
 Density level test -- 2.4 Efficiency and the sufficient statistic -- 2.5
 Parameter is positive or belongs to a finite interval -- 2.5.1 Parameter
 is positive -- 2.5.2 Parameter belongs to a finite interval -- References
 -- Chapter 3 Mode statistics -- 3.1 Unbiased test -- 3.2 Unbiased CI
 and MO estimator -- 3.3 Cumulative information and the sufficient
 statistic -- References -- Chapter 4 Pvalue and duality -- 4.1 Pvalue
 for the doublesided hypothesis -- 4.1.1 General definition -- 4.1.2 P
 value for normal variance -- 4.2 The overall powerful test -- 4.3
 Duality: converting the CI into a hypothesis test -- 4.4 Bypassing
 assumptions -- 4.5 Overview -- References -- Chapter 5 Mstatistics
 for major statistical parameters -- 5.1 Exact statistical inference for
 standard deviation -- 5.1.1 MCstatistics -- 5.1.2 MCstatistics on the
 log scale -- 5.1.3 MOstatistics -- 5.1.4 Computation of the pvalue --
 5.2 Pareto distribution -- 5.2.1 Confidence intervals -- 5.2.2
 Hypothesis testing -- 5.3 Coefficient of variation for lognormal
 distribution -- 5.4 Statistical testing for two variances.
 5.4.1 Computation of the pvalue -- 5.4.2 Optimal sample size -- 5.5
 Inference for twosample exponential distribution -- 5.5.1 Unbiased
 statistical test -- 5.5.2 Confidence intervals -- 5.5.3 The MC estimator
 of -- 5.6 Effect size and coefficient of variation -- 5.6.1 Effect size --
 5.6.2 Coefficient of variation -- 5.6.3 Doublesided hypothesis tests --
 5.6.4 Multivariate ES -- 5.7 Binomial probability -- 5.7.1 The MCL
 estimator -- 5.7.2 The MCL2 estimator -- 5.7.3 The MCL2 estimator of
 pn -- 5.7.4 Confidence interval on the doublelog scale -- 5.7.5 Equal
 tail and unbiased tests -- 5.8 Poisson rate -- 5.8.1 Twosided short CI
 on the log scale -- 5.8.2 Twosided tests and pvalue -- 5.8.3 The MCL
 estimator of the rate parameter -- 5.9 Metaanalysis model -- 5.9.1 CI
 and MCL estimator -- 5.10 Mstatistics for the correlation coefficient --
 5.10.1 MC and MO estimators -- 5.10.2 Equaltail and unbiased tests
 -- 5.10.3 Power function and pvalue -- 5.10.4 Confidence intervals --
 5.11 The square multiple correlation coefficient -- 5.11.1 Unbiased
 statistical test -- 5.11.2 Computation of pvalue -- 5.11.3 Confidence
 intervals -- 5.11.4 The twosided CI on the log scale -- 5.11.5 The MCL
 estimator -- 5.12 Coefficient of determination for linear model --
 5.12.1 CoD and multiple correlation coefficient -- 5.12.2 Unbiased test
 -- 5.12.3 The MCL estimator for CoD -- References -- Chapter 6
 Multidimensional parameter -- 6.1 Density level test -- 6.2 Unbiased
 test -- 6.3 Confidence region dual to the DL test -- 6.4 Unbiased
 confidence region -- 6.5 Simultaneous inference for normal mean and
 standard deviation -- 6.5.1 Statistical test -- 6.5.2 Confidence region
 -- 6.6 Exact confidence inference for parameters of the beta
 distribution -- 6.6.1 Statistical tests -- 6.6.2 Confidence regions -- 6.7
 Twosample binomial probability -- 6.7.1 Hypothesis testing.
 6.7.2 Confidence region -- 6.8 Exact and profile statistical inference
 for nonlinear regression -- 6.8.1 Statistical inference for the whole
 parameter -- 6.8.2 Statistical inference for an individual parameter of
 interest via profiling -- References -- Index -- EULA.

and improving on the classical methods we already use. The author discusses the development of new criteria for efficient estimation and delves into how two methods for statistical inference are combined under one umbrella to create 'M statistics.' This book develops novel confidence intervals and statistical tests for statistical parameters including effect size, binomial probability, and Poisson rate, ensuring unbiased tests are developed alongside this. Suitable for professionals and students alike, this theoretical book explains how new approaches work for statistical applications and is accompanied with a GitHub repository hosting the R code for every new methodology presented."--
