

CBSU LIBRARY STATISTICS BIBLIOGRAPHY (08-06-21)

- Author** Abelson RP
Title Statistics as principled argument
Date 1995
Keywords Practical guide; test assumptions; group comparisons; exploratory analysis
Level Elementary
Applicability High
Remarks Non-technical, wordy and entertaining guide
- Author** Aberson CL (**WITH THE COMPUTING BOOKS**)
Title Applied power analysis for the behavioural sciences
Date 2010
Keywords Practical guide; SPSS syntax; covers most commonly used statistical tests
Level Intermediate
Applicability High
Remarks Non-technical; examples of power calculations in SPSS
- Author** Achen CH
Title Interpreting and using regression
Date 1982
Keywords
Level Intermediate
Applicability High
Remarks
- Author** Agresti A
Title An introduction to categorical data analysis – second edition
Date 2007
Keywords Contingency tables; Generalised Linear Models; Logistic regression; Matched pairs
Level Intermediate
Applicability High
Remarks An authoritative comprehensive text on categorical data analysis with some equations
- Author** Aiken LS and West SG
Title Multiple Regression: testing and interpreting interactions
Date 1991
Keywords Practical guide; interactions in regression; standardised variables; examples
Level Intermediate
Applicability High - thorough coverage of analysing interactions
Remarks SPSS programs provided to illustrate analyses
- Author** Aitkin M, Anderson D, Francis B and Hinde J
Title Statistical modelling in GLIM
Date 1988
Keywords Practical guide; GLIM; regressions; log-linear models
Level Advanced
Applicability High
Remarks Mathematical and difficult to implement analyses
- Author** Allison PD
Title Event history analysis: regression for longitudinal event data
Date 1984
Keywords Regressions; log-linear models
Level Intermediate
Applicability Moderate
Remarks Cox regression model; survival analysis

Author	Antonius R
Title	Interpreting quantitative data with SPSS
Date	2003
Keywords	Descriptives
Level	Low
Applicability	Moderate
Remarks	Mainly exploratory analyses; introduction to using SPSS
Author	Baayen RH
Title	Analyzing linguistic data – a practical introduction to statistics using R
Date	2008
Keywords	Random effects models; Generalized Linear Mixed models
Level	Advanced
Applicability	High
Remarks	Examples with syntax; the author is a respected authority on mixed effects models in R
Author	Baguley T
Title	Serious Stats. A guide to advanced statistics for the behavioral sciences
Date	2012
Keywords	Confidence intervals plots; power analysis; AN(C)OVAs; Regression
Level	Advanced
Applicability	High
Remarks	R syntax is used with accessible explanations of the theory and practice
Author	Beaujean AA
Title	Latent variable modelling using R: step-by-step guide
Date	2014
Keywords	Introduction to R; correlations; factor Analysis
Level	Intermediate
Applicability	High
Remarks	Plenty of examples of factor models with exercises
Author	Bentler PM
Title	EQS structural equations program manual
Date	1995
Keywords	Confirmatory factor analysis
Level	Advanced
Applicability	High
Remarks	Syntax and resultant output interpreted; underlying mathematics explained
Author	Bickel R
Title	Multilevel Analysis for Applied Research: It's Just Regression!
Date	2007
Keywords	Multilevel analysis; SPSS
Level	Advanced
Applicability	High
Remarks	Good primer; SPSS Syntax and resultant output interpreted; underlying models explained
Author	Bishop YMM, Fienberg SE and Holland PW
Title	Discrete multivariate analysis
Date	1975
Keywords	Categorical data analysis; log-linear models;
Level	Advanced
Applicability	High - examining multiway frequency tables
Remarks	Very mathematical; some examples
Author	Blunch NJ
Title	Introduction to structural equation modelling using IBM SPSS Statistics and AMOS
Date	2013
Keywords	Graphical interface; latent curve models
Level	Advanced
Applicability	High
Remarks	A complete guide to using structural equation models

Author	Blunch NJ
Title	Introduction to structural equation modelling using IBM SPSS Statistics and EQS
Date	2016
Keywords	Graphical interface; data entry and programming best practice
Level	Advanced
Applicability	High
Remarks	An ideal introduction to using structural equation models
Author	Boslaugh S (WITH THE COMPUTING BOOKS)
Title	An intermediate guide to SPSS programming: using syntax for data management.
Date	2005
Keywords	Practical guide; Data input using SPSS syntax; Data formatting; Data types; SPSS macros
Level	Intermediate
Applicability	High
Remarks	Non-technical, practical guidelines
Author	Boniface DR
Title	Experiment design and statistical methods
Date	1995
Keywords	ANOVA; repeated measures; factorial designs; ANCOVA
Level	Intermediate
Applicability	High
Remarks	Non-mathematical; excellent introduction; written by a psychologist
Author	Brace N, Kemp R and Snelgar R (WITH THE COMPUTING BOOKS)
Title	SPSS for psychologists: a guide to data analysis using SPSS for Windows (2 nd & 3 rd editions)
Date	2003, 2006
Keywords	2 nd edition covers versions 9 to 11; 3 rd edition covers version 12
Level	Intermediate
Applicability	Very high
Remarks	Highly recommended by social scientists; covers advanced multivariate techniques
Author	Braun WJ and Murdoch DJ (ON ORDER JUNE 2021)
Title	A First Course in Statistical Programming with R (3 rd edition)
Date	2021
Keywords	Programming skills; Introduction to R; simulation routines; ggplot2
Level	Intermediate
Applicability	Very high
Remarks	Hundreds of exercises and solutions, example datasets
Author	Bryman A and Cramer D
Title	Quantitative data analysis for social scientists
Date	1990
Keywords	SPSS programs; plan of research; descriptives statistics; group comparisons
Level	Intermediate
Applicability	High - practical use of standard statistical methods
Remarks	Lots of examples; SPSS analyses
Author	Bryman A
Title	Social research methods
Date	2004
Keywords	SPSS usage; qualitative research; survey design
Level	Elementary
Applicability	Useful for qualitative and survey research
Remarks	Lots of case studies; no maths
Author	Byrne BM (WITH THE COMPUTING BOOKS)
Title	Structural equation modelling with EQS and EQS/Windows: basic concepts, applications, and programming. 1 st and 2 nd Editions.
Date	1994, 2008
Keywords	EQS usage; confirmatory factor analysis; validation models
Level	Advanced
Applicability	High
Remarks	Limited mathematical formulae; intend to be a manual

Author Chatfield C and Collins AJ
Title Introduction to multivariate analysis
Date 1991
Keywords (M)AN(C)OVA; principal components analysis
Level Intermediate
Applicability High
Remarks Good mixture of theory and practical usage

Author Cohen J
Title Statistical power analysis for the behavioral sciences (2nd edition)
Date 1988
Keywords Effect size; power tables; rules of thumb
Level Intermediate
Applicability High
Remarks Lots of examples illustrate computation form a range of statistical tests

Author Cohen J and Cohen P
Title Applied multiple regression/correlation analysis for the behavioral sciences
Date 1983
Keywords Multiple regression; correlations
Level Intermediate
Applicability High - comprehensive overview of correlation/regression
Remarks Lots of examples illustrate computation and assumptions of techniques

Author Cohen J, Cohen P, Aiken SG and West LS
Title Applied multiple regression/correlation analysis for the behavioral sciences 3rd Edition.
Date 2003
Keywords Multiple regression; correlations; effect sizes; SPSS, SAS and SYSTAT code
Level Intermediate
Applicability High - comprehensive overview of correlation/regression
Remarks Lots of examples illustrate computation and assumptions of techniques

Author Collett D
Title Modelling binary data
Date 1991
Keywords General linear model; binomial data; overdispersion
Level Intermediate
Applicability High
Remarks Specifically looks at regression methods to predict dichotomous outcome; Light touch of theory

Editors Commons ML, Neun JA and Davison MC
Title Signal detection: mechanisms, models and applications
Date 1991
Keywords Signal detection
Level Advanced
Applicability High
Remarks Concepts of probability theory (eg Markov chains) used

Editors Crawley MJ
Title Statistics: an introduction using R
Date 2005
Keywords Descriptive statistics; one and two-sample tests
Level Introductory
Applicability High
Remarks R code for performing commonly used statistical tests

Editors Crawley MJ
Title The R book
Date 2007
Keywords General Linear Model including regression and AN(C)OVA
Level Intermediate
Applicability High
Remarks R code for performing more advanced statistical tests

Editors	Davies PM and Coxon APM
Title	Key texts in multidimensional scaling
Date	1982
Keywords	Similarity data; metrics
Level	Advanced
Applicability	Low
Remarks	Detailed background to this method
Author	de Ayala RJ
Title	The Theory and Practice of Item Response Theory
Date	2009
Keywords	Rasch models; one and two parameter Rasch models; Polytomous data
Level	Advanced
Applicability	Moderate
Remarks	A primer which also mentions software for fitting IRTs
Author	Edgington ES (PLEASE ASK PETER WATSON IF YOU WISH TO BORROW THIS BOOK)
Title	Randomization tests
Date	1995
Keywords	Distribution free tests; sampling distribution; permutations
Level	Intermediate
Applicability	Very high
Remarks	Rationale for obtaining exact p-values; Brief examples illustrate obtaining significance tests
Author	Efron B and Hastie T
Title	Computer age statistical inference: algorithms, evidence, and data science
Date	2017
Keywords	Big data; Classical inference; Bayes; jackknife; Markov Chain Monte carlo
Level	Advanced
Applicability	high
Remarks	A review of modern statistical methods and future developments
Author	Enders CK
Title	Applied Missing data analysis
Date	2010
Keywords	EM algorithm; Multiple Imputation; maximum likelihood; worked examples and software
Level	Advanced
Applicability	Very high
Remarks	Comparison of approaches for handling missing values; Illustrated on data to aid learning
Author	Everitt BS
Title	Cluster analysis
Date	1974, 1993
Keywords	Practical guide; (dis)similarity measures e.g. distance, correlation
Level	Intermediate
Applicability	High
Remarks	Examples and descriptions of commonly used cluster methods and statistics Warnings of when and when not to use these method
Author	Everitt BS and Der G
Title	A handbook of statistical analysis using SAS
Date	1996
Keywords	Practical overview; regression; simple procedures
Level	Intermediate
Applicability	High
Remarks	Examples; interpreting and displaying output; further reading lists
Author	Everitt BS and Dunn G
Title	Applied multivariate data analysis (2 nd edition)
Date	2001
Keywords	(Exploratory & confirmatory) factor analysis; MDS; cluster analysis; logistic regression,
Level	Intermediate
Applicability	High
Remarks	Detailed section on cluster procedures and multi-dimensional scaling

Author Field A
Title An adventure in statistics: the reality enigma
Date 2016
Keywords Student-to student narrative; When to use statistical methods
Level Intermediate
Applicability High
Remarks Statistics introduced by means of an action-packed story about a student

Author Field A
Title Discovering statistics using SPSS (2nd edition, 3rd Edition & 4th Edition)
Date 2005 (2nd Edition), 2009 (3rd Edition), 2013 (4th Edition)
Keywords Multivariate analyses; regression; AN(C)OVA; factor analysis
Level Intermediate
Applicability High
Remarks Discusses the theory behind the tests applicable to even non-SPSS users; A third edition also has an extra chapter on multilevel models

Author Field A, Miles J and Field Z
Title Discovering statistics using R
Date 2012
Keywords Statistical analysis syntax; group comparisons; correlations
Level Intermediate
Applicability High
Remarks A comprehensive guide (at 957 pages) on how to perform a huge range of commonly used analyses

Author Fleiss JL
Title Statistical methods for rates and proportions
Date 1981
Keywords Differences in proportions; odds ratios
Level Elementary
Applicability High
Remarks A classic comprehensive text

Author Foster JJ (**WITH COMPUTING BOOKS**)
Title Data analysis using SPSS for Windows: a beginner's guide
Date 1998
Keywords Nonparametric statistics; exploratory Analyses
Level Elementary
Applicability High
Remarks Illustrated use of core methods for SPSS 6.1

Author Foster JJ and Parker I
Title Carrying out investigations in psychology: methods and statistics
Date 1995
Keywords Quantitative data analysis; reliability; nonparametric trend tests
Level Intermediate
Applicability High
Remarks Illustrated use of core methods for SPSS 6.1

Author Gelman A, Carlin JB, Stern HS and Rubin DB **ON ORDER MAY 2013**
Title Bayesian Data Analysis. Second Edition
Date 2003
Keywords Bayesian analyses; Markov chains; Generalized linear models; R; WinBugs
Level Advanced
Applicability Model fitting for Bayesian inference
Remarks Comprehensive 600+ page tome

Author Gigerenzer G
Title Reckoning with risk learning to live with uncertainty
Date 2002
Keywords Bayes Rule; relative risk; HIV; breast cancer screening

Level Elementary
Applicability Some use to those in medicine
Remarks Good explanation and examples of getting conditional probabilities via Bayes Rule

Author Gigerenzer G, Swijtink Z, Porter T, Daston L, Beatty J and Kruger L
Title The empire of chance: how probability changed science and everyday life
Date 1989
Keywords History of probability; philosophy underlying probabilities
Level Elementary
Applicability Moderate
Remarks Good explanation and applications in analysis of variance, biology and physics

Author Gregson R
Title Time series in psychology
Date 1983
Keywords Overview of time series analysis
Level Advanced
Applicability High
Remarks Mathematical; Topics range from simple definitions to non-stationary processes

Author Hair Jr JF, Anderson RE, Tatham RL and Black WC
Title Multivariate data analysis (4th, 6th and 7th editions)
Date 1995, 2005, 2014
Keywords (M)ANOVA; canonical correlation; multidimensional scaling
Level Intermediate
Applicability Very High
Remarks Practical Guide to methods; non-mathematical; good case studies; 6th edition authored by Hair JF, Black B, Babin B, Anderson RE and Tatham RL; 7th edition authored by Hair JF, Black WC, Babin BJ and Anderson RE

Author Hartmann LH
Title Signals, sound, and sensation
Date 1997
Keywords Fourier Series; filters; autocorrelation functions
Level
Applicability
Remarks

Author Harville DA
Title Matrix algebra from a statistician's perspective
Date 1997
Keywords Eigenvectors and eigenvalues; matrix operations;
Level Intermediate
Applicability Low
Remarks Explains the theory behind various multivariate analyses

Author Hayes AF
Title Introduction to mediation, moderation and conditional process analysis: a regression-based approach
Date 2013
Keywords PROCESS macro and extension in SPSS; SAS macro; direct and indirect effects
Level Intermediate
Applicability High
Remarks Plenty of examples

Author Heck RH, Thomas SL and Tabata LN
Title Multilevel and Longitudinal Modeling with IBM SPSS. 1st and 2nd Editions.
Date 2010, 2014

Keywords Repeated Measures designs; SPSS menu interface with syntax; two level models
Level Advanced
Applicability High
Remarks Used for incorporating incomplete cases in clinical trials

Author Heck RH, Thomas SL and Tabata LN
Title Multilevel Modeling of Categorical outcomes using IBM SPSS.
Date 2012
Keywords Repeated binary and counts; SPSS menu interface with syntax; two level models
Level Advanced
Applicability High
Remarks Used for incorporating incomplete cases in clinical trials

Author Hosmer DW and Lemeshow S
Title Applied logistic regression (2nd edition)
Date 2000
Keywords Binary and multigroup logistic regressions; overall and pairwise group discrimination;
Level Intermediate
Applicability High
Remarks Very good overview of the area; worked examples on clinical data; 3rd edition due out 2013

Author Howell DC
Title Statistical methods for psychology (3rd, 5th, 8th editions)
Date 1992, 2002, 2013
Keywords General statistical methods
Level Intermediate
Applicability Very High - all-round stats read
Remarks Recommended by *psychologists* for stats; keeps maths notation to a minimum; lots of examples

Author James G, Witten D, Hastie T and Tibshirani R
Title An introduction to statistical learning with applications in R
Date 2013
Keywords Linear regression; logistic regression; discriminant analysis; k-fold cross validation
Level Intermediate
Applicability High
Remarks A mix of traditional and more modern methods such as resampling methods

Author Jelinek F
Title Statistical methods for speech recognition (3rd edition)
Date 2001
Keywords Language modelling; hidden markov models; information theory; entropy
Level Advanced
Applicability Low
Remarks Specialist methods for handling speech data

Author Keppel G
Title Design and analysis : a researcher's handbook
Date 1973
Keywords Factorial designs; multiple comparisons; repeated measures
Level Intermediate
Applicability High
Remarks comprehensive coverage; mathematical formulae; lots of examples

Author Kinnear PR and Gray CD
Title SPSS for Windows made simple
Date 1999
Keywords SPSS Version 10.0; user guide
Level Intermediate
Applicability High
Remarks Covers basic descriptive analyses

Author Kleinbaum DG, Kupper LL, Muller KE and Nizam A
Title Applied regression analysis and other multivariable methods (4th edition)
Date 2008
Keywords Mathematical biology; medical statistics; statistical theory & methods; statistics & computing
Level Intermediate
Applicability High
Remarks Model assumptions; case studies; computer usage; choosing between models

Author Kline RB
Title Principles and practice of Structural Equation Modeling (3rd Edition)
Date 2011
Keywords Regression; path diagrams; standard models; core techniques
Level High
Applicability High
Remarks Theory and illustrations

Author Kruschke, J
Title Doing Bayesian data analysis
Date 2010
Keywords Bayesian analysis of variance; Bayesian statistical power
Level Advanced
Applicability High
Remarks A Bayesian approach to analysis; an alternative to hypothesis testing

Author Lee M and Wagenmakers E-J
Title Bayesian cognitive modelling a practical course
Date 2013
Keywords WINBUGS syntax
Level High
Applicability High
Remarks Practical fitting of models using WINBUGS freeware; a pdf copy of this book is available

Author Loehlin JC
Title Latent variable models: an introduction to factor, path, and structural analysis
Date 1992, 2004 (Fourth edition)
Keywords Confirmatory factor analysis
Level Intermediate - very good introduction for psychologists
Applicability High - testing factor models
Remarks Comprehensive coverage, lots of well explained examples

Author Lunn D, Jackson C, Best N, Thomas A and Spiegelhalter D
Title The BUGS Book: A practical introduction to Bayesian analysis
Date 2012
Keywords Bayesian analysis; WINBUGS
Level Advanced
Applicability High
Remarks Comprehensive coverage, lots of well explained example analyses and data and WINBUGS code

Author Mardia MV, Kent JT and Bibby JM
Title Multivariate analysis
Date 1979
Keywords Multivariate analyses
Level Advanced - presents the maths underlying multivariate procedures
Applicability high - procedures discussed include factor analysis, (M)ANOVA
Remarks Theoretical, for mathematically minded

Author McCullagh P and Nelder JA
Title Generalized linear models
Date 1989
Keywords Grouped response; regression; GLIM
Level Advanced
Applicability High
Remarks Mathematical derivation and properties of a family of regression models

Author Meyer GE **(WITH COMPUTING BOOKS)**
Title SPSS: a minimalist approach
Date 1993
Keywords Using SPSS; descriptives; ANOVAS; ANCOVA; MANOVA; MANCOVA
Level Elementary
Applicability High
Remarks Introductory guide to using SPSS; lots of examples; excellent illustrations

Editor Miles J and Gilbert P
Title A handbook of research methods for clinical and health psychology
Date 2005
Keywords GLMs; reliability; psychometric tests
Level Intermediate
Applicability High
Remarks Introductory non-mathematical taster of general statistics with illustrations

Author Montgomery DC, Peck EA and Vining GG
Title Introduction to linear regression analysis (4th edition)
Date 2006
Keywords Indicator variables; generalized linear models; multicollinearity; variable selection
Level Introductory
Applicability High
Remarks Excellent educational textbook

Author Newsom JT
Title Longitudinal structural equation modelling: a comprehensive introduction
Date 2015
Keywords Path analysis; Confirmatory factor analysis; mediation models
Level Introductory
Applicability High
Remarks Examples in lavaan, SPSS AMOS, Mplus

Author Norusis MJ **(WITH COMPUTING BOOKS)**
Titles **(1)** SPSS 7.5 guide to data analysis; **(2)** SPSS 10.0 regression models
Date 1997, 1999 respectively
Keywords SPSS for windows; applications; interpretation
Level Elementary
Applicability High
Remarks Keeps formulae to a minimum; SPSS Base manual; explains statistics relevant to an analysis

Author Pallant J
Titles SPSS Survival Manual – a step by step guide to data analysis using the SPSS program
Date 2010 (Fourth Edition), 2013 (Fifth Edition – two copies)
Keywords Primer; entering data; correlations and regression; t-tests and ANOVA
Level Elementary
Applicability High
Remarks Primer for basic analyses

Author Part-Enander and Sjoberg A **(WITH COMPUTING BOOKS)**
Titles The MATLAB 5 Handbook
Date 1999
Keywords Primer; functions; matrices; graphics
Level Advanced
Applicability High
Remarks For the MATLAB programmer

Author Rabe-Hesketh S and Skrondal A
Title Multilevel and longitudinal modelling using Stata (2nd edition)
Date 2008
Keywords Generalized linear mixed models
Level Advanced
Applicability High (but you need to have a version of Stata)
Remarks Exercises at the end of each chapter; Stata specific syntax

Author Rosenthal R and Rosnow RL
Title Essentials of behavioral research: methods and data analysis
Date 1991
Keywords Power analysis; analysis of variance; experimental designs; inter-rater agreement
Level Intermediate
Applicability High
Remarks Examples; important formulae presented

Author Rutherford A
Title Introducing ANOVA and ANCOVA: a GLM approach
Date 2001
Keywords Analysis of (Co)variance; General Linear Model; regression
Level Intermediate
Applicability High
Remarks Examples; important formulae presented and explained for key aspects of the models

Author Schwartz RL **(WITH COMPUTING BOOKS)**
Title Learning Perl
Date 1993
Keywords Basic concepts; control structures; arrays
Level Advanced
Applicability Low
Remarks Specialist text

Author Serra J
Title Image analysis and mathematical morphology
Date 1982
Keywords Digital morphology; covariance; topology
Level Advanced
Applicability Low
Remarks Specialist text

Author Siegel S
Title Nonparametric statistics
Dates 1956
Keywords One, two, three+ sample nonparametric tests
Level Intermediate
Applicability High
Remarks Covers common nonparametric tests; worked example

Author Siegel S and Castellan Jr. NJ
Title Nonparametric statistics for the behavioral sciences
Dates 1989
Keywords Nonparametric statistics
Level Advanced
Applicability High
Remarks Covers common nonparametric tests; worked examples; updated version of 1956 text

Author Sik-Yum Lee
Title Structural Equation Modeling: A Bayesian Approach
Dates 2007
Keywords Bayesian statistics
Level Intermediate
Applicability High
Remarks Model comparisons using information criteria; real data examples

Author SPSS Inc. **(WITH COMPUTING BOOKS)**
Titles SPSS Base 7.5 syntax reference guide,
 SPSS Base 10.0 users guide,
 SPSS Interactive graphics 10.0,
 SPSS Trends 10.0
Dates 1996 (7.5 reference guide), 1999 (for all version 10.0 guides)
Keywords SPSS manuals

Level	Intermediate
Applicability	High
Remarks	Covers how to use menu interface to perform statistical tests
Author	Stevens J
Title	Applied multivariate statistics for the social sciences (3 rd edition)
Dates	1996
Keywords	Multivariate analysis of variance; multiple regression; matrix algebra
Level	Intermediate
Applicability	High
Remarks	Covers commonly used statistical tests
Author	Tabachnick BG and Fidell LS
Title	Using multivariate statistics (5 th edition)
Date	2007
Keywords	Regression; factor analysis
Level	Advanced
Applicability	Very high
Remarks	Recommended by social scientists; accessible
Author	Van Drongelen
Title	Signal processing for neuroscientists
Date	2007
Keywords	Fast fourier transforms; MATLAB code
Level	Advanced
Applicability	Moderate
Remarks	Pdf version is on-line
Author	Warner RM (ON ORDER APRIL 2018)
Title	Spectral analysis of time-series data
Date	1998
Keywords	Harmonic analyses; SPSS output and reporting of results
Level	Advanced
Applicability	Moderate
Remarks	Written for psychologists; Comprehensive treatment with applications
Author	Wei WS
Title	Time series analysis: univariate and multivariate methods
Date	1990
Keywords	Autocorrelation; ARIMA models
Level	Advanced
Applicability	Moderate
Remarks	Specialist text
Author	Whitaker J
Title	Graphical models in applied multivariate statistics
Date	1990
Keywords	Independence graphs; log-linear models; regression models
Level	Advanced
Applicability	Moderate
Remarks	Looks at the theory behind path analysis
Author	Wilcox RR
Title	An introduction to robust estimation and hypothesis testing. 3rd edition.
Date	2011
Keywords	Robust regression models; rank based methods; use in R software
Level	Advanced
Applicability	Moderate
Remarks	Practical applications of cutting edge methods

Author Winer BJ
Title Statistical principles of experimental design
Date 1962 (NB although not in CBSU library there are 1971 and 1991 editions)
Keywords Thorough theory and psychological examples of (M)AN(C)OVAs
Level Advanced
Applicability Very high
Remarks Some maths notation; widely used text across disciplines

CBSU LIBRARY MATHEMATICS PRIMERS BIBLIOGRAPHY

Author Aitken M, Broadhurst B and Hladky S
Title Mathematics for Biological Scientists
Date 2009
Keywords Algebra; Geometry; Calculus
Level Elementary
Applicability High
Remarks Recommended by social scientists; accessible; A-level maths

Author Cann AJ
Title Maths from Scratch for Biologists
Date 2002
Keywords Algebra; Graphs
Level Elementary
Applicability High
Remarks Recommended by social scientists; accessible; pre A-level maths

Author Foster PC
Title Easy Mathematics for Biologists
Date 1998
Keywords Algebra; Graphs
Level Elementary
Applicability High
Remarks Recommended by social scientists; accessible; pre A-level maths

Author Reed MB
Title Core Maths for the Biosciences
Date 2011
Keywords Algebra; Geometry; Calculus
Level Elementary
Applicability High
Remarks Recommended by social scientists; accessible; A-level maths