1. Record Nr. UNISA996418265303316

Autore	Quirk Thomas J
Titolo	Excel 2019 for Biological and Life Sciences Statistics [[electronic resource]] : A Guide to Solving Practical Problems / / by Thomas J. Quirk, Meghan H. Quirk, Howard F. Horton
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020
ISBN	3-030-39281-3
Edizione	[2nd ed. 2020.]
Descrizione fisica	1 online resource (XIX, 244 p. 165 illus., 162 illus. in color.)
Collana	Excel for Statistics, , 2570-4605
Disciplina	570.15195
Soggetti	Statistics Biostatistics Statistics for Life Sciences, Medicine, Health Sciences Statistics and Computing/Statistics Programs
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Preface -- Acknowledgements -- 1 Sample Size, Mean, Standard Deviation, and Standard Error of the Mean -- 2 Random Number Generator -- 3 Confidence Interval About the Mean Using the TINV Function and Hypothesis -- 4 One-Group t-Test for the Mean -- 5 Two-Group t-Test of the Difference of the Means for Independent Groups -- 6 Correlation and Simple Linear Regression -- 7 Multiple Correlation and Multiple Regression -- 8 One-Way Analysis of Variance (ANOVA) -- Appendix A: Answers to End-of-Chapter Practice Problems -- Appendix B: Practice Test -- Appendix C: Answers to Practice Test -- Appendix D: Statistical Formulas -- Appendix E: t-table -- Index.
Sommario/riassunto	Newly revised to specifically address Microsoft Excel 2019, this book is a step-by-step, exercise-driven guide for students and practitioners who need to master Excel to solve practical biological and life science problems. Excel is an effective learning tool for quantitative analyses in biological and life sciences courses. Its powerful computational ability and graphical functions make learning statistics much easier than in years past. Excel 2019 for Biological and Life Sciences Statistics capitalizes on these improvements by teaching students and professionals how to apply Excel 2019 to statistical techniques

	necessary in their courses and work. Each chapter explains statistical formulas and directs the reader to use Excel commands to solve specific, easy-to-understand biological and life science problems. Practice problems are provided at the end of each chapter with their solutions in an appendix. Separately, there is a full practice test (with answers in an appendix) that allows readers to test what they have learned. This new edition offers a wealth of new practice problems and solutions, as well as updated chapter content throughout.

2.

Record Nr.	UNICAMPANIAVAN00051771
Autore	Groetsch, Charles W.
Titolo	Inverse problems in the mathematical sciences / Charles W. Groetsch
Pubbl/distr/stampa	Braunschweig ; Wiesbaden, : Vieweg, 1993
ISBN	35-280-6545-1 978-33-229-9202-4
Descrizione fisica	V, 152 p. : ill. ; 23 cm
Soggetti	34A55 - Inverse problems involving ordinary differential equations [MSC 2020] 35R25 - Ill-posed problems for PDEs [MSC 2020] 35R30 - Inverse problems for PDEs [MSC 2020] 45-XX - Integral equations [MSC 2020] 45Bxx - Fredholm integral equations [MSC 2020] 45Pxx - Integral operators [MSC 2020] 65J20 - Numerical solutions of ill-posed problems in abstract spaces; regularization [MSC 2020] 65R30 - Numerical methods for ill-posed problems for integral equations [MSC 2020]
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia