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   Soggetti   Statistics
                    Health services administration
                    Health administration
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                    Health Care Management
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   Lingua di pubblicazione   Inglese

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   Nota di bibliografia   Includes bibliographical references and index.

   Nota di contenuto   Introduction -- Sample size, mean, standard deviation, standard error of the mean -- Random number generator -- Confidence interval about the mean using the TINV function and hypothesis testing -- One-group t-test for the mean -- Two-group t-test of the difference of the means for independent groups -- Correlation and simple linear regression -- Multiple correlation and multiple regression -- One-way analysis of variance (ANOVA) -- Appendix A -- Appendix B -- Appendix C -- Appendix D -- Appendix E -- Index.

   Sommario/riassunto   This book shows the capabilities of Microsoft Excel in teaching health services management statistics effectively. Similar to the previously published Excel 2013 for Health Services Management Statistics, this book is a step-by-step exercise-driven guide for students and practitioners who need to master Excel to solve practical health service management problems. If understanding statistics isn't your strongest suit, you are not especially mathematically-inclined, or if you are wary of computers, this is the right book for you. Excel, a widely available computer program for students and managers, is also an effective

teaching and learning tool for quantitative analyses in health service courses. Its powerful computational ability and graphical functions make learning statistics much easier than in years past. However, Excel 2016 for Health Services Management Statistics: A Guide to Solving Practical Problems is the first book to capitalize on these improvements by teaching students and managers how to apply Excel 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 health service management 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. Includes 163 illustrations in color Suitable for undergraduate and graduate students At the beginning of his academic career, Prof. Quirk spent six years in educational research at The American Institutes for Research and Educational Testing Service. He then taught Social Psychology, Educational Psychology, General Psychology, Marketing, Management, and Accounting at Principia College, and is currently a Professor of Marketing in the George Herbert Walker School of Business & Technology at Webster University based in St. Louis, Missouri (USA) where he teaches Marketing Statistics, Marketing Research, and Pricing Strategies. He has written 60+ textbook supplements in Marketing and Management, published 20+ articles in professional journals, and presented 20+ papers at professional meetings. He holds a B.S. in Mathematics from John Carroll University, both an M.A. in Education and a Ph.D. in Educational Psychology from Stanford University, and an M.B.A. from The University of Missouri-St. Louis. Simone Cummings has worked for several hospitals in St. Louis, Missouri, and Washington, D.C. She is currently an Associate Professor of Healthcare Management in The Walker School of Business & Technology at Webster University in St. Louis, Missouri, where she teaches Statistics for Healthcare Management and Healthcare Finance. She holds a B.S.B.A. from Washington University in St. Louis, an M.H.A. from the Washington University School of Medicine, and a Ph. D. in Health Policy and Administration from the University of North Carolina at Chapel Hill.