

Applied Spatial Data Analysis With R Use R

SA Adler

Applied Spatial Data Analysis With R Use R:

Applied Spatial Data Analysis with R Roger S. Bivand, Edzer Pebesma, Virgilio Gómez-Rubio, 2013-06-21 Applied Spatial Data Analysis with R second edition is divided into two basic parts the first presenting R packages functions classes and methods for handling spatial data This part is of interest to users who need to access and visualise spatial data Data import and export for many file formats for spatial data are covered in detail as is the interface between R and the open source GRASS GIS and the handling of spatio temporal data The second part showcases more specialised kinds of spatial data analysis including spatial point pattern analysis interpolation and geostatistics areal data analysis and disease mapping The coverage of methods of spatial data analysis ranges from standard techniques to new developments and the examples used are largely taken from the spatial statistics literature All the examples can be run using R contributed packages available from the CRAN website with code and additional data sets from the book s own website Compared to the first edition the second edition covers the more systematic approach towards handling spatial data in R as well as a number of important and widely used CRAN packages that have appeared since the first edition This book will be of interest to researchers who intend to use R to handle visualise and analyse spatial data It will also be of interest to spatial data analysts who do not use R but who are interested in practical aspects of implementing software for spatial data analysis It is a suitable companion book for introductory spatial statistics courses and for applied methods courses in a wide range of subjects using spatial data including human and physical geography geographical information science and geoinformatics the environmental sciences ecology public health and disease control economics public administration and political science The book has a website where complete code examples data sets and other support material may be found http www asdar book org The authors have taken part in writing and maintaining software for spatial data handling and analysis with R in concert since 2003

Applied Spatial Data Analysis with R Roger S. Bivand, Edzer J. Pebesma, Virgilio Gómez-Rubio, 2008-08-24 We began writing this book in parallel with developing software for handling and analysing spatial data with R R Development Core Team 2008 though the book is now complete software development will continue in the R community fashion of rich and satisfying interaction with users around the world of rapid releases to resolve problems and of the usual joys and frust tions of getting things done There is little doubt that without pressure from users the development of R would not have reached its present scale and the same applies to analysing spatial data analysis with R It would however not be su cient to describe the development of the R project mainly in terms of narrowly de ned utility In addition to being a communityprojectconcerned with the development of world class data analysis software implementations it promotes speci c choices with regard to how data analysis is carried out R is open source not only because open source software development including the dynamics of broad and inclusive user and developer communities is arguably an attractive and successful development model Applied Spatial Data Analysis with R Roger S. Bivand, Edzer Pebesma, Virgilio

Gómez-Rubio, 2013-06-21 Applied Spatial Data Analysis with R second edition is divided into two basic parts the first presenting R packages functions classes and methods for handling spatial data This part is of interest to users who need to access and visualise spatial data Data import and export for many file formats for spatial data are covered in detail as is the interface between R and the open source GRASS GIS and the handling of spatio temporal data The second part showcases more specialised kinds of spatial data analysis including spatial point pattern analysis interpolation and geostatistics areal data analysis and disease mapping The coverage of methods of spatial data analysis ranges from standard techniques to new developments and the examples used are largely taken from the spatial statistics literature All the examples can be run using R contributed packages available from the CRAN website with code and additional data sets from the book s own website Compared to the first edition the second edition covers the more systematic approach towards handling spatial data in R as well as a number of important and widely used CRAN packages that have appeared since the first edition This book will be of interest to researchers who intend to use R to handle visualise and analyse spatial data It will also be of interest to spatial data analysts who do not use R but who are interested in practical aspects of implementing software for spatial data analysis It is a suitable companion book for introductory spatial statistics courses and for applied methods courses in a wide range of subjects using spatial data including human and physical geography geographical information science and geoinformatics the environmental sciences ecology public health and disease control economics public administration and political science The book has a website where complete code examples data sets and other support material may be found http www asdar book org The authors have taken part in writing and maintaining software for spatial data handling and analysis with R in concert since 2003 Bayesian Computation with R Jim Albert, 2009-04-20 There has been dramatic growth in the development and application of Bayesian inference in statistics Berger 2000 documents the increase in Bayesian activity by the number of published research articles the number of books and the extensive number of applications of Bayesian articles in applied disciplines such as science and engineering One reason for the dramatic growth in Bayesian modeling is the availab ity of computational algorithms to compute the range of integrals that are necessary in a Bayesian posterior analysis Due to the speed of modern c puters it is now possible to use the Bayesian paradigm to t very complex models that cannot be t by alternative frequentist methods To t Bayesian models one needs a statistical computing environment This environment should be such that one can write short scripts to de ne a Bayesian model use or write functions to summarize a posterior distribution use functions to simulate from the posterior distribution construct graphs to illustrate the posterior inference An environment that meets these requirements is the R system R provides a wide range of functions for data manipulation calculation and graphical d plays Moreover it includes a well developed simple programming language that users can extend by adding new functions Many such extensions of the language in the form of packages are easily downloadable from the Comp hensive R Archive Network CRAN Applied Survival Analysis Using R Dirk F. Moore, 2016-05-11 Applied Survival Analysis Using R covers the

main principles of survival analysis gives examples of how it is applied and teaches how to put those principles to use to analyze data using R as a vehicle Survival data where the primary outcome is time to a specific event arise in many areas of biomedical research including clinical trials epidemiological studies and studies of animals Many survival methods are extensions of techniques used in linear regression and categorical data while other aspects of this field are unique to survival data This text employs numerous actual examples to illustrate survival curve estimation comparison of survivals of different groups proper accounting for censoring and truncation model variable selection and residual analysis Because explaining survival analysis requires more advanced mathematics than many other statistical topics this book is organized with basic concepts and most frequently used procedures covered in earlier chapters with more advanced topics near the end and in the appendices A background in basic linear regression and categorical data analysis as well as a basic knowledge of calculus and the R system will help the reader to fully appreciate the information presented Examples are simple and straightforward while still illustrating key points shedding light on the application of survival analysis in a way that is useful for graduate students researchers and practitioners in biostatistics Handbook of Research Methods and Applications in Empirical Microeconomics Hashimzade, Nigar, Thornton, Michael A., 2021-11-18 Written in a comprehensive yet accessible style this Handbook introduces readers to a range of modern empirical methods with applications in microeconomics illustrating how to use two of the most popular software packages Stata and R in microeconometric applications Collection with R Simon Munzert, Christian Rubba, Peter Meißner, Dominic Nyhuis, 2014-10-24 A hands on guide to web scraping and text mining for bothbeginners and experienced users of R Introduces fundamental concepts of the main architecture of theweb and databases and covers HTTP HTML XML JSON SQL Provides basic techniques to query web documents and data sets XPath and regular expressions An extensive set of exercises are presented to guide thereader through each technique Explores both supervised and unsupervised techniques as well asadvanced techniques such as data scraping and text management Case studies are featured throughout along with examples foreach technique presented R code and solutions to exercises featured in thebook are provided on a supporting website ggplot2 Hadley Wickham, 2016-06-08 This new edition to the classic book by ggplot2 creator Hadley Wickham highlights compatibility with knitr and RStudio ggplot2 is a data visualization package for R that helps users create data graphics including those that are multi layered with ease With ggplot2 it s easy to produce handsome publication quality plots with automatic legends created from the plot specification superimpose multiple layers points lines maps tiles box plots from different data sources with automatically adjusted common scales add customizable smoothers that use powerful modeling capabilities of R such as loess linear models generalized additive models and robust regression save any ggplot2 plot or part thereof for later modification or reuse create custom themes that capture in house or journal style requirements and that can easily be applied to multiple plots approach a graph from a visual perspective thinking about how each component of the data is represented on the final

plot This book will be useful to everyone who has struggled with displaying data in an informative and attractive way Some basic knowledge of R is necessary e g importing data into R ggplot2 is a mini language specifically tailored for producing graphics and you ll learn everything you need in the book After reading this book you ll be able to produce graphics customized precisely for your problems and you ll find it easy to get graphics out of your head and on to the screen or page

Using Geodata and Geolocation in the Social Sciences David Abernathy, 2016-10-19 Abernathy provides a truly accessible and interdisciplinary introduction to geodata and geolocation covering both the conceptual and the practical It is a must read for students or researchers looking to make the most of the spatial elements of their data Luke Sloan Senior Lecturer in Quantitative Methods Cardiff University Using Geodata and Geolocation in the Social Sciences Mapping our Connected World provides an engaging and accessible introduction to the Geoweb with clear step by step guides for Capturing Geodata from sources including GPS sensor networks and Twitter Visualizing Geodata using programmes including QGIS GRASS and R Featuring colour images practical exercises walking you through using data sources and a companion website packed with resources this book is the perfect guide for students and teachers looking to incorporate location based data into their social science research Handbook of Applied Spatial Analysis Manfred M. Fischer, Arthur Getis, 2009-12-24 The Handbook is written for academics researchers practitioners and advanced graduate students It has been designed to be read by those new or starting out in the field of spatial analysis as well as by those who are already familiar with the field The chapters have been written in such a way that readers who are new to the field will gain important overview and insight At the same time those readers who are already practitioners in the field will gain through the advanced and or updated tools and new materials and state of the art developments included This volume provides an accounting of the diversity of current and emergent approaches not available elsewhere despite the many excellent journals and te books that exist Most of the chapters are original some few are reprints from the Journal of Geographical Systems Geographical Analysis The Review of Regional Studies and Letters of Spatial and Resource Sciences We let our contributors velop from their particular perspective and insights their own strategies for m ping the part of terrain for which they were responsible As the chapters were submitted we became the first consumers of the project we had initiated We gained from depth breadth and distinctiveness of our contributors insights and in particular the presence of links between them

Applied Spatial Data Analysis With R Use R Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has be much more apparent than ever. Its capability to stir emotions, provoke thought, and instigate transformation is really remarkable. This extraordinary book, aptly titled "**Applied Spatial Data Analysis With R Use R**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound effect on our existence. Throughout this critique, we will delve into the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

https://stats.tinkerine.com/results/virtual-library/Documents/Bharat%20Scout%20And%20Guide%20Flags.pdf

Table of Contents Applied Spatial Data Analysis With R Use R

- 1. Understanding the eBook Applied Spatial Data Analysis With R Use R
 - The Rise of Digital Reading Applied Spatial Data Analysis With R Use R
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Applied Spatial Data Analysis With R Use R
 - Exploring Different Genres
 - o Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - $\circ\,$ Features to Look for in an Applied Spatial Data Analysis With R Use R
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Applied Spatial Data Analysis With R Use R
 - Personalized Recommendations
 - Applied Spatial Data Analysis With R Use R User Reviews and Ratings
 - Applied Spatial Data Analysis With R Use R and Bestseller Lists

- 5. Accessing Applied Spatial Data Analysis With R Use R Free and Paid eBooks
 - o Applied Spatial Data Analysis With R Use R Public Domain eBooks
 - Applied Spatial Data Analysis With R Use R eBook Subscription Services
 - Applied Spatial Data Analysis With R Use R Budget-Friendly Options
- 6. Navigating Applied Spatial Data Analysis With R Use R eBook Formats
 - ∘ ePub, PDF, MOBI, and More
 - Applied Spatial Data Analysis With R Use R Compatibility with Devices
 - Applied Spatial Data Analysis With R Use R Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - Adjustable Fonts and Text Sizes of Applied Spatial Data Analysis With R Use R
 - Highlighting and Note-Taking Applied Spatial Data Analysis With R Use R
 - Interactive Elements Applied Spatial Data Analysis With R Use R
- 8. Staying Engaged with Applied Spatial Data Analysis With R Use R
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - $\circ\,$ Following Authors and Publishers Applied Spatial Data Analysis With R Use R
- 9. Balancing eBooks and Physical Books Applied Spatial Data Analysis With R Use R
 - \circ Benefits of a Digital Library
 - Creating a Diverse Reading Collection Applied Spatial Data Analysis With R Use R
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Applied Spatial Data Analysis With R Use R
 - Setting Reading Goals Applied Spatial Data Analysis With R Use R
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Applied Spatial Data Analysis With R Use R
 - Fact-Checking eBook Content of Applied Spatial Data Analysis With R Use R
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning

- Utilizing eBooks for Skill Development
- Exploring Educational eBooks
- 14. Embracing eBook Trends
 - Integration of Multimedia Elements
 - Interactive and Gamified eBooks

Applied Spatial Data Analysis With R Use R Introduction

In this digital age, the convenience of accessing information at our fingertips has become a necessity. Whether its research papers, eBooks, or user manuals, PDF files have become the preferred format for sharing and reading documents. However, the cost associated with purchasing PDF files can sometimes be a barrier for many individuals and organizations. Thankfully, there are numerous websites and platforms that allow users to download free PDF files legally. In this article, we will explore some of the best platforms to download free PDFs. One of the most popular platforms to download free PDF files is Project Gutenberg. This online library offers over 60,000 free eBooks that are in the public domain. From classic literature to historical documents, Project Gutenberg provides a wide range of PDF files that can be downloaded and enjoyed on various devices. The website is user-friendly and allows users to search for specific titles or browse through different categories. Another reliable platform for downloading Applied Spatial Data Analysis With R Use R free PDF files is Open Library. With its vast collection of over 1 million eBooks, Open Library has something for every reader. The website offers a seamless experience by providing options to borrow or download PDF files. Users simply need to create a free account to access this treasure trove of knowledge. Open Library also allows users to contribute by uploading and sharing their own PDF files, making it a collaborative platform for book enthusiasts. For those interested in academic resources, there are websites dedicated to providing free PDFs of research papers and scientific articles. One such website is Academia.edu, which allows researchers and scholars to share their work with a global audience. Users can download PDF files of research papers, theses, and dissertations covering a wide range of subjects. Academia.edu also provides a platform for discussions and networking within the academic community. When it comes to downloading Applied Spatial Data Analysis With R Use R free PDF files of magazines, brochures, and catalogs, Issuu is a popular choice. This digital publishing platform hosts a vast collection of publications from around the world. Users can search for specific titles or explore various categories and genres. Issuu offers a seamless reading experience with its user-friendly interface and allows users to download PDF files for offline reading. Apart from dedicated platforms, search engines also play a crucial role in finding free PDF files. Google, for instance, has an advanced search feature that allows users to filter results by file type. By specifying the file type as "PDF," users can find websites that offer free PDF downloads on a specific topic. While downloading Applied Spatial Data Analysis

With R Use R free PDF files is convenient, its important to note that copyright laws must be respected. Always ensure that the PDF files you download are legally available for free. Many authors and publishers voluntarily provide free PDF versions of their work, but its essential to be cautious and verify the authenticity of the source before downloading Applied Spatial Data Analysis With R Use R. In conclusion, the internet offers numerous platforms and websites that allow users to download free PDF files legally. Whether its classic literature, research papers, or magazines, there is something for everyone. The platforms mentioned in this article, such as Project Gutenberg, Open Library, Academia.edu, and Issuu, provide access to a vast collection of PDF files. However, users should always be cautious and verify the legality of the source before downloading Applied Spatial Data Analysis With R Use R any PDF files. With these platforms, the world of PDF downloads is just a click away.

FAQs About Applied Spatial Data Analysis With R Use R Books

- 1. Where can I buy Applied Spatial Data Analysis With R Use R books? Bookstores: Physical bookstores like Barnes & Noble, Waterstones, and independent local stores. Online Retailers: Amazon, Book Depository, and various online bookstores offer a wide range of books in physical and digital formats.
- 2. What are the different book formats available? Hardcover: Sturdy and durable, usually more expensive. Paperback: Cheaper, lighter, and more portable than hardcovers. E-books: Digital books available for e-readers like Kindle or software like Apple Books, Kindle, and Google Play Books.
- 3. How do I choose a Applied Spatial Data Analysis With R Use R book to read? Genres: Consider the genre you enjoy (fiction, non-fiction, mystery, sci-fi, etc.). Recommendations: Ask friends, join book clubs, or explore online reviews and recommendations. Author: If you like a particular author, you might enjoy more of their work.
- 4. How do I take care of Applied Spatial Data Analysis With R Use R books? Storage: Keep them away from direct sunlight and in a dry environment. Handling: Avoid folding pages, use bookmarks, and handle them with clean hands. Cleaning: Gently dust the covers and pages occasionally.
- 5. Can I borrow books without buying them? Public Libraries: Local libraries offer a wide range of books for borrowing. Book Swaps: Community book exchanges or online platforms where people exchange books.
- 6. How can I track my reading progress or manage my book collection? Book Tracking Apps: Goodreads, LibraryThing, and Book Catalogue are popular apps for tracking your reading progress and managing book collections. Spreadsheets: You can create your own spreadsheet to track books read, ratings, and other details.

- 7. What are Applied Spatial Data Analysis With R Use R audiobooks, and where can I find them? Audiobooks: Audio recordings of books, perfect for listening while commuting or multitasking. Platforms: Audible, LibriVox, and Google Play Books offer a wide selection of audiobooks.
- 8. How do I support authors or the book industry? Buy Books: Purchase books from authors or independent bookstores. Reviews: Leave reviews on platforms like Goodreads or Amazon. Promotion: Share your favorite books on social media or recommend them to friends.
- 9. Are there book clubs or reading communities I can join? Local Clubs: Check for local book clubs in libraries or community centers. Online Communities: Platforms like Goodreads have virtual book clubs and discussion groups.
- 10. Can I read Applied Spatial Data Analysis With R Use R books for free? Public Domain Books: Many classic books are available for free as theyre in the public domain. Free E-books: Some websites offer free e-books legally, like Project Gutenberg or Open Library.

Find Applied Spatial Data Analysis With R Use R:

bharat scout and guide flags
big deal one year as a professional poker player
big nate in a class by himself in a class by himself
bible story about the prodigal son activities
bien manger cest facile triste

big bang disruption strategy in the age of devastating innovation

big game movie tie in edition bihar board examination quide 2015

bhrigu samhita hoshiarpur contact no

big boeing fmc guide

bible expositor and illuminator 2014 download

biesse user guide

bible activities for children luke 17

big fireliner multifunktionsgurt ger tepraxis geratepraxis

big man mein abenteuerliches leben

Applied Spatial Data Analysis With R Use R:

Lost in Yonkers Lost in Yonkers. Full-Length Play, Dramatic Comedy / 3f, 4m. Neil Simon. Neil Simon's Pulitzer Prize-winning dramedy beautifully captures the humor, conflict ... Lost in Yonkers As the play opens, ne'er-do-well son Eddie deposits his two young sons on the old lady's doorstep. He is financially strapped and taking to the road as a ... from Lost in Yonkers by N Simon \cdot Cited by 12 — In the play, brothers Arty and Jay live with their grandmother and Aunt Bella in an apartment above the family's candy store. In this excerpt, the boys are ... Lost in Yonkers by Neil Simon | PDF three of us! THE GLASS MENAGERIE by Tennessee Williams. In this scene Amanda plays the suffering, domineering mother. Laura's shyness is revealed by LOST IN YONKERS by Neil Simon Aug 16, 2019 — And Life was doing stories on him and Look and the newsreels because Billy was searching America to find the Ideal American Boy to play. Lost In Yonkers Script - Dialogue Transcript You play like your old man. Like a loser. You wanna end up selling scrap iron like him? I got four aces. Does that lose? - Yeah, that loses. Four ... Lost in Yonkers (Drama, Plume): 9780452268838: Simon ... Neil Simon's inimitable play about the trials and tribulations that test family ties—winner of the 1991 Pulitzer Prize for Drama. Lost in Yonkers - Neil Simon A coming of age tale that focuses on brothers Arty and Jay, left in the care of their Grandma Kurnitz and Aunt Bella in Yonkers, New York. Lost in Yonkers Buy Script. Description. Full Length Play; Dramatic Comedy; 120 minutes. Time Period: 1940s / WWII; Target Audience: Appropriate for all audiences; Set ... Lost in Yonkers (Drama, Plume) by Neil Simon Neil Simon's inimitable play about the trials and tribulations that test family ties - winner of the 1991 Pulitzer Prize for Drama Wood-mizer LT70 Series Manuals We have 7 Wood-mizer LT70 Series manuals available for free PDF download: Operator's Manual, Safety, Operation, Maintenance & Parts Manual, Safety, Installation ... How To Use The Parts List; Sample Assembly - Wood- ... Parts List; How To Use The Parts List; Sample Assembly - Wood-mizer LT70 Series Operator's Manual · Operator's manual (80 pages) · Safety, operation, maintenance ... Genuine Spare Parts for Wood-Mizer Sawmill Equipment Shop genuine parts for your Wood-Mizer sawmill and wood processing equipment. Search our parts catalog and order parts online specific to your equipment. LT70 Sawmill Parts Pack Parts pack designed specifically for LT70 portable sawmills! The LT70 Sawmill Parts Pack includes 2 B72.5 blade wheel belts, 2 blade guide rollers, 3 cam ... Maintenance Guides | Wood-Mizer USA If time is an issue, or if you're a do-it-yourself type of person, review our troubleshooting topics to learn how to solve some of the issues your mill may ... Spare Parts Blade wheel belt compatible with Wood-Mizer LT70 portable sawmills. Part #: 017922-1. Price does not include VAT. Badge. Wood-Mizer Parts | Genuine Spare ... Shop genuine parts for your Wood-Mizer sawmill and wood processing equipment. Search our parts catalog and order parts online specific to your equipment. Wood-mizer LT70 Series Safety, Installation, Operation ... View online (41 pages) or download PDF (1 MB) Wood-mizer LT70 Series User manual • LT70 Series PDF manual download and more Wood-mizer online manuals. Spare Parts for Wood-Mizer LT70 Sawmill | Compatible with Spare Parts for Wood-Mizer LT70 Sawmill · Badge. B72.5 Blade Wheel Belt. £45.65. Compare.

Part #: 017922-1 · Badge. Cam Follower (McGill). £37.00. Compare. Part ... Woodmizer Owners Anyone with experience with WoodMizer finance? I got the phone call yesterday that our LT 70 was in. Our initial plan was to sell our LT 50 and put the money Service & Repair Manuals for Mercedes-Benz 560SL Get the best deals on Service & Repair Manuals for Mercedes-Benz 560SL when you shop the largest online selection at eBay.com. Free shipping on many items ... Repair Manuals & Literature for Mercedes-Benz 560SL Get the best deals on Repair Manuals & Literature for Mercedes-Benz 560SL when you shop the largest online selection at eBay.com. 107 service manual Aug 8, 2010 — I have a full set of paper manuals for my car, but it would be useful to have an on-line version. It seems the link is directly to Startek, so ... Repair manual for 87 560SL - Mercedes Forum Apr 17, 2005 — Does anyone have any recommendation on how to obtain a repair manual which would cover a 1987 560SL? Mercedes Benz R107 560SL Service Repair Manual .pdf Mercedes Benz Series 107 560SL Workshop Service and Repair Manuals, Models 560SL R107 Roadster. MERCEDES BENZ R107 560SL 1986-1989 Factory ... Repair Information - full component disassembly and assembly instructions; Diagnostic Manual - Provides test and troubleshoot information; Extremely detailed ... Mercedes-Benz 560SL W107 Owners Manual 1985 - 1989 Mercedes-Benz 560SL W107 Owners Manual; Available from the SLSHOP, world's leading Classic Mercedes-Benz SL Specialist. Mercedes-Benz 560SL (107 E56) R107 Technical Specs ... Mercedes Benz 560SL Series 107 Workshop Service and Repair Manuals. Visit http://mbmanuals.com/series/107/560sl/ for full manual selection. 1987 MERCEDES-BENZ 560SL 5.6L V8 Repair Manual RockAuto · Belt Drive · Body & Lamp Assembly · Brake & Wheel Hub · Cooling System · Drivetrain · Electrical · Electrical-Bulb & Socket · Electrical-Connector ... Owner's Manual These instructions are available at every authorized MERCEDES-. BENZ dealer. ... authorized MERCEDES-BENZ dealer for maintenance service. Freeze protection.