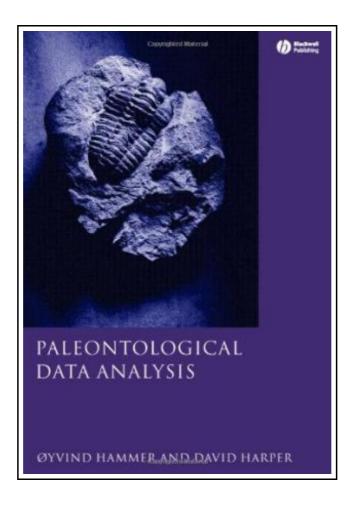
Paleontological Data Analysis



Filesize: 9.43 MB

Reviews

A new eBook with a brand new point of view. It really is writter in basic words and not confusing. I discovered this publication from my i and dad recommended this book to find out.

(Miss Annamarie Ebert I)

PALEONTOLOGICAL DATA ANALYSIS



Wiley-Blackwell, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: PrefaceAcknowledgments1 Introduction1.1 The nature of paleontological data1.2 Advantages and pitfalls of paleontological data analysis1.3 Software2 Basic statistical methods2.1 Introduction 2.2 Statistical distributions 2.3 Shapiro-Wilk test for normal distribution 2.4 F test for equality of variances2.5 Student's t test and Welch test for equality of means2.6 Mann-Whitney U test for equality of medians2.7 Kolmogorov-Smirnov test for equality of distributions2.8 Permutation and resampling2.9 One-way ANOVA2.10 Kruskal-Wallis test2.11 Linear correlation2.12 Non-parametric tests for correlation2.13 Linear regression2.14 Reduced major axis regression2.15 Nonlinear curve fitting2.16 Chi-square test3 Introduction to multivariate data analysis3.1 Approaches to multivariate data analysis3.2 Multivariate distributions3.3 Parametric multivariate tests3.4 Non-parametric multivariate tests3.5 Hierarchical cluster analysis3.5 K-means cluster analysis4 Morphometrics4.1 Introduction4.2 The allometric equation4.3 Principal components analysis (PCA)4.4 Multivariate allometry4.5 Discriminant analysis for two groups4.6 Canonical variate analysis (CVA)4.7 MANOVA4.8 Fourier shape analysis4.9 Elliptic Fourier analysis4.10 Eigenshape analysis4.11 Landmarks and size measures4.12 Procrustean fitting4.13 PCA of landmark data4.14 Thin-plate spline deformations4.15 Principal and partial warps4.16 Relative warps4.17 Regression of partial warp scores4.18 Disparity measures4.19 Point distribution statistics4.20 Directional statisticsCase study: The ontogeny of a Silurian trilobite5 Phylogenetic analysis5.1 Introduction5.2 Characters5.3 Parsimony analysis5.4 Character state reconstruction5.5 Evaluation of characters and tree topologies 5.6 Consensus trees 5.7 Consistency index 5.8 Retention index 5.9 Bootstrapping 5.10 Bremer support5.11 Stratigraphical congruency indices5.12 Phylogenetic analysis with Maximum LikelihoodCase study: The systematics of heterosporous ferns6 Paleobiogeography and paleoecology6.1 Introduction6.2 Diversity indices6.3 Taxonomic distinctness6.4 Comparison of diversity indices6.5 Abundance models6.6 Rarefaction6.7 Diversity curves6.8 Size-frequency and survivorship curves6.9 Association similarity indices for presence/absence data6.10 Association similarity indices for abundance data6.11 ANOSIM and NPMANOVA6.12 Correspondence analysis6.13 Principal Coordinates analysis (PCO)6.14 Non-metric Multidimensional Scaling (NMDS)6.15 SeriationCase study: Ashgill brachiopod paleocommunities from East China7 Time series analysis7.1 Introduction7.2 Spectral analysis7.3 Autocorrelation7.4 Cross-correlation7.5 Wavelet analysis 7.6 Smoothing and filtering 7.7 Runs test Case study: Sepkoski's generic diversity curve for the...



Read Paleontological Data Analysis Online Download PDF Paleontological Data Analysis

Related PDFs



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (3-5 years) Intermediate (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Read eBook »



TJ new concept of the Preschool Quality Education Engineering the daily learning book of: new happy learning young children (2-4 years old) in small classes (3)(Chinese Edition)

paperback. Book Condition: New. Ship out in 2 business day, And Fast shipping, Free Tracking number will be provided after the shipment. Paperback. Pub Date :2005-09-01 Publisher: Chinese children before making Reading: All books are the...

Read eBook »



Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20)

Barbour Publishing, Inc., 2004. Paperback. Book Condition: New. No Jacket. New paperback book copy of Anna's Fight for Hope: The Great Depression 1931 (Sisters in Time Series 20). Publisher recommended for ages 8 to 12...

Read eBook »



Grandpa Spanielson's Chicken Pox Stories: Story #1: The Octopus (I Can Read Book 2)

HarperCollins, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Foreword by Raph Koster. Introduction. I. EXECUTIVE CONSIDERATIONS. 1. The Market. Do We Enter the Market? Basic Considerations. How...

Read eBook »



The Wreck of the Zephyr

Houghton Mifflin. 1 Cloth(s), 1983. hard. Book Condition: New. Between his 1982 Caldecott Medal winner Jumanji and his 1986 Caldecott Medal winner The Polar Express, Chris Van Allsburg gave us this gentle, beautifully rendered story,...

Read eBook »



DK Readers Robin Hood Level 4 Proficient Readers

DK CHILDREN. Paperback. Book Condition: New. Nick Harris (illustrator). Paperback. 48 pages. Dimensions: 8.4in. x 5.7in. x 0.2in.Discover the rollicking exploits of Robin and his merry men as they take from the rich and give

Save Document »



DK Reader Level 4 Extreme Machines DK READERS

DK CHILDREN. Paperback. Book Condition: New. Paperback. 48 pages. Dimensions: 9.0in. x 5.9in. x 0.2in.They were built to conquer land, sea, and air. Read about the biggest, fastest, most incredible machines in the world. These

Save Document »



Read Write Inc. Phonics: Blue Set 6 Non-Fiction 3 on Your Bike

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 199 x 97 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

Save Document »



Read Write Inc. Phonics: Yellow Set 5 Non-Fiction 3 Fun at the Fair

Oxford University Press, United Kingdom, 2016. Paperback. Book Condition: New. 207 x 170 mm. Language: N/A. Brand New Book. These decodable non-fiction books provide structured practice for children learning to read. Each set of books

Save Document »



A Dog of Flanders: Unabridged; In Easy-to-Read Type (Dover Children's Thrift Classics)

Dover Publications, 2011. Paperback. Book Condition: New. No Jacket. New paperback book copy of A Dog of Flanders by Ouida (Marie Louise de la Ramee). Unabridged in easy to read type. Dover Children's Thrift Classic.

Save Document »