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Longitudinal Data with Serial Correlation: A State-space Approach

R.H. Jones



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Longitudinal Data With Serial Correlation A State Space Approach

Richard .H. Jones



Longitudinal Data With Serial Correlation A State Space Approach:

Longitudinal Data with Serial Correlation Richard .H. Jones,1993-02-01 Explains methods of accounting for correlations in the data from the repeated observation of subjects over a long period For graduate students of biostatistics statistics or other disciplines that collect longitudinal data Assumes a first year graduate knowledge of statistical theory and methods particularly the matrix approach to regression analysis but no familiarity with state space methodology Includes some FORTRAN subroutines Annotation copyright by Book News Inc Portland OR

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Modeling and Analysis of Longitudinal Data ,2024-02-20 Longitudinal Data Analysis Volume 50 in the Handbook of Statistics series covers how data consists of a series of repeated observations of the same subjects over an extended time frame and is thus useful for measuring change Such studies and the data arise in a variety of fields such as health sciences genomic studies experimental physics sociology sports and student enrollment in universities For example in health studies intra subject correlation of responses must be accounted for covariates vary with time and bias can arise if patients drop out of the study Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the Handbook of Statistics series Updated release includes the latest information on Modeling and Analysis of Longitudinal Data

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