

Contents

Introduction	1
Jan Beran, Yuanhua Feng and Hartmut Hebbel	
Part I Empirical Economic Research	
Decomposition of Time Series Using the Generalised Berlin Method (VBV)	9
Hartmut Hebbel and Detlef Steuer	
Time Series Segmentation Procedures to Detect, Locate and Estimate Change-Points	45
Ana Laura Badagían, Regina Kaiser, and Daniel Peña	
Regularization Methods in Economic Forecasting	61
Gunther Schauberger and Gerhard Tutz	
Investigating Bavarian Beer Consumption	81
Michael Bruckner and Roland Jeske	
The Algebraic Structure of Transformed Time Series	89
Tucker McElroy and Osbert Pang	
Reliability of the Automatic Identification of ARIMA Models in Program TRAMO	105
Agustín Maravall, Roberto López-Pavón, and Domingo Pérez-Cañete	
Panel Model with Multiplicative Measurement Errors	123
Hans Schneeweiss, Gerd Ronning, and Matthias Schmid	

A Modified Gauss Test for Correlated Samples with Application to Combining Dependent Tests or <i>P</i>-Values	145
Joachim Hartung, Bärbel Elpelt-Hartung, and Guido Knapp	
Panel Research on the Demand of Organic Food in Germany: Challenges and Practical Solutions	159
Paul Michels	
The Elasticity of Demand for Gasoline: A Semi-parametric Analysis	173
Pin T. Ng and James L. Smith	
The Pitfalls of Ignoring Outliers in Instrumental Variables Estimations: An Application to the Deep Determinants of Development	195
Catherine Dehon, Rodolphe Desbordes, and Vincenzo Verardi	
Evaluation of Job Centre Schemes: Ideal Types Versus Statistical Twins	215
Rainer Schlittgen	
The Precision of Binary Measurement Methods	223
Peter-Th. Wilrich	
Part II Empirical Financial Research	
On EFARIMA and ESEMIFAR Models	239
Jan Beran, Yuanhua Feng, and Sucharita Ghosh	
Prediction Intervals in Linear and Nonlinear Time Series with Sieve Bootstrap Methodology	255
Héctor Allende, Gustavo Ulloa, and Héctor Allende-Cid	
Do Industrial Metals Prices Exhibit Bubble Behavior?	275
Walter Assenmacher and Robert Czudaj	
Forecasting Unpredictable Variables	287
Helmut Lütkepohl	
Dynamic Modeling of the Correlation Smile	305
Alfred Hamerle and Christian Scherr	
Findings of the Signal Approach: A Case Study for Kazakhstan	327
Klaus Abberger and Wolfgang Nierhaus	
Double Conditional Smoothing of High-Frequency Volatility Surface Under a Spatial Model	341
Christian Peitz and Yuanhua Feng	
Zillmer's Population Model: Theory and Application	357
Peter Pflaumer	

Part III New Econometric Approaches

Adaptive Estimation of Regression Parameters for the Gaussian Scale Mixture Model	373
Roger Koenker	
The Structure of Generalized Linear Dynamic Factor Models	379
Manfred Deistler, Wolfgang Scherrer, and Brian D.O. Anderson	
Forecasting Under Structural Change	401
Liudas Giraitis, George Kapetanios, Mohaimen Mansur, and Simon Price	
Distribution of the Durbin–Watson Statistic in Near Integrated Processes	421
Uwe Hassler and Mehdi Hosseinkouchack	
Testing for Cointegration in a Double-LSTR Framework	437
Claudia Grote and Philipp Sibbertsen	
Fitting Constrained Vector Autoregression Models	451
Tucker McElroy and David Findley	
Minimax Versions of the Two-Step Two-Sample-Gauß- and t-Test	471
Wolf Krumbholz and Ingo Starke	
Dimensionality Reduction Models in Density Estimation and Classification	487
Alexander Samarov	
On a Craig–Sakamoto Theorem for Orthogonal Projectors	497
Oskar Maria Baksalary and Götz Trenkler	
A Note of Appreciation: High Standards with Heart	503
Beatrix Dart	