

CONTENTS

Preface	8
<i>Aleksandra Baszczyńska</i>	
Testing significance of peaks in kernel density estimator by SiZer map	9
<i>Jacek Bialek</i>	
Confidence interval for the Consumer Price Index	18
<i>Justyna Brzezińska</i>	
Zero cells problem in the analysis of contingency tables	28
<i>Marek A. Dąbrowski, Justyna Wróblewska</i>	
Financial shocks as a cause of real exchange rate fluctuations in Poland – evidence from the Bayesian structural VAR models	37
<i>Monika Hadaś-Dyduch</i>	
The market for structured products in the context of inflation	47
<i>Anna Jędrzychowska</i>	
Application of poverty measures for determining compensations for bodily injury	57
<i>Łukasz Klimczak</i>	
The gravity model as a tool for the international trade analysis – a case study of the Western Balkans	67
<i>Roman Kopych, Iryna Bardyn</i>	
Budget deficit and interest rate developments in Ukraine	77
<i>Daniel Kosiorowski, Zygmunt Zawadzki</i>	
Selected issues related to online calculation of multivariate robust measures of location and scatter	87
<i>Natalya V. Kovtun, Mykhailo V. Zborovskiy</i>	
Statistical modeling of factors determining of the value of international companies' internally generated goodwill	97
<i>Marta Kuc</i>	
Social convergence in the European Union	105
<i>Marta Małecka</i>	
Parametric hypothesis testing in evaluation of expected shortfall models	115
<i>Zinaida Palian</i>	
Statistical analysis and simulation of the parameters of survival of Ukrainian population ..	125

<i>Michał B. Pietrzak, Justyna Wilk, Tomasz Kossowski, Roger Bivand</i>	
The identification of spatial dependence in the analysis of regional economic development – join-count test application	135
<i>Radosław Pietrzyk</i>	
Households investment portfolio performance evaluation	145
<i>Victor Shevchuk</i>	
Shock-absorbing properties of the exchange rates in transformation economies: SVAR estimates	155
<i>Slawomir Śmiech, Monika Papież, Marek A. Dąbrowski</i>	
Energy and non-energy commodity prices and the Eurozone macroeconomy: a SVAR approach	165
<i>Erik Šoltés, Tatiana Šoltésová</i>	
Quantifying the impact of relevant factors on equivalised disposable income in Slovak households based on EU SILC 2012 data	175
<i>Jacek Stelmach</i>	
The use of Monte Carlo simulation to support management decisions of industrial batch processes	185
<i>Jadwiga Susecka, Maciej Jewczak</i>	
Cost-Benefit Analysis in the study of the effectiveness of health programs	194
<i>Anna Szymańska</i>	
Distribution of the number of claims in age groups of insured in civil liability motor insurance portfolio	204
<i>Paweł Ulman, Małgorzata Ćwiek</i>	
Poverty of households due to their biological type in a multidimensional approach	214
<i>Agnieszka Walęga, Grzegorz Walęga</i>	
Indebtedness of low-income households in Poland. A comparative analysis for the period 2000-2010	223
<i>Alicja Wolny-Domińiak, Daniel Sobiecki</i>	
The Poisson regression with fixed and random effects in non-life insurance ratemaking	232