ABOUT THE AUTHORS

Budnikas Germanas received his doctor's degree in informatics (Physical Sciences) from Kaunas University of Technology (KUT), Lithuania in the area of formal specification, verification and knowledge engineering. He was a scientific visitor in Katholieke Universiteit Leuven (Belgium) at the Faculty of Business and Economics. He works at KUT and the branch of the University of Białystok in Vilnius. He is an author or co-author over 40 research papers. His current research interest is machine learning for discovering patterns of online behaviour.

Clark Robert is an Associate Professor at the National Institute for Applied Statistics Research Australia (NIASRA) at the University of Wollongong, Australia. He was previously a director in the Methodology Division of the Australian Bureau of Statistics. He has published research and managed major projects on sample design, the analysis of survey data, and ecological and environmental statistics. Together with Ray Chambers, he is the co-author of the textbook "An Introduction to Model-Based Survey Sampling".

Das Gitasree is a Professor of Statistics in North-Eastern Hill University, Shillong, Meghalaya, India. She has been working in the same university for more than 37 years. Her main research interest encompasses preliminary test estimators in double sampling with two auxiliary variables, combined regression preliminary test estimators in double sampling, sampling techniques in forestry with satellite remote sensing inputs, estimators in successive sampling. She is actively involved in projects focused on leaf area estimation of *pinus kesiya,* ordering of shoots with special reference to *Exbucklandia populnea,* nonlinear statistical models for culm growth of bamboos of different species, and timber species diversity hotspots with satellite remote sensing inputs.

Dwivedi Alok Kumar is an Assistant Professor of Biostatistics and Epidemiology at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center (TTUHSC), El Paso, Texas. He completed his post-doctoral fellowship in biostatistics from University of Cincinnati and Center for Clinical and Translational Science and Training, Cincinnati. Dr. Dwivedi's broad area of research includes biostatistics, epidemiology, clinical trial, cancer and neurological disorders. His research interests include application and advancement of zero inflated/hurdle models, predictive models, bootstrap methods, quantile regression, and meta-analysis. Currently, Dr. Dwivedi has been involved as co-investigator/biostatistician in 7 funded NIH/CPRIT studies. Dr. Dwivedi has published 50 peer reviewed manuscripts and 1 book chapter. He is a recipient of Dean's Young Investigator award 2013 by TTUHSC, El Paso.

Figueroa-Casas Juan B. is an Associate Professor at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center (TTUHSC), El Paso, Texas. He specializes in pulmonary disease, and has over 24 years of experience in the field of medicine. His research interests include mechanical ventilation, critical care of pulmonary disease, pulmonary mechanics measurements. He is President-elect for Faculty Council at the TTUHSC, El Paso.

Górna Karolina is a student of Doctoral Studies in Economics at the Faculty of Economic Science and Management of Nicolaus Copernicus University in Toruń. She has published 14 papers, mostly about economic convergence but also about usage of fuzzy sets in economic issues. In most of her investigations she emphasizes the importance of spatial dependencies among objects. Her area of interest includes tools and methods offered by spatial econometrics. She has participated in 17 conferences (international and national), presenting results of her investigations at most of them.

Górna Joanna is a student of Doctoral Studies in Economics at the Faculty of Economic Science and Management of Nicolaus Copernicus University in Toruń. She has published 14 papers, mostly about economic growth and determinants of convergence but also about usage of fuzzy sets in economic issues. In most of her investigations she points to the importance of location of chosen objects. Her scientific interests concern tools and methods offered by spatial econometrics. She has participated in 17 conferences (international and national), presenting her investigations at most of them.

Homa Magdalena PhD works at the Institute of Economic Sciences of the University of Wroclaw, Poland. Her work is focused on actuarial mathematics and application of stochastic processes in life insurance, with major interest in the possibility of actuarial modelling of complex insurance products, such as unit-linked insurance, participating insurance or multi-state life insurance. In particular, it addresses the issue of risk arising from extended actuarial risk which is observed, and financial risk incorporated into the actuarial framework.

Mallawaarachchi Indika is a Research Associate in the Division of Biostatistics and Epidemiology at Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center (TTUHSC), El Paso, Texas. He graduated from University of Texas at El Paso with his Master's degree in Statistics. He is a SAS certified statistician. He has been co-authored in a number of peer reviewed manuscripts. His research interests are applications of biostatistics and epidemiological methods including longitudinal data analysis, survival analysis, regression methods, statistical modelling and statistical programming.

Markowska Małgorzata is an Associate Professor at the Regional Economics Chair of Wrocław University of Economics. She is a member of Polish Classification Society and Polish section of Regional Studies Association. Her research deals with econometric measurement, evaluation, variability and dynamics of development, competitiveness, knowledge-based economy, smart

specializations, convergence and innovativeness in European regional space. As an author or co-author she has published more than 100 scientific papers and 25 chapters in books, and recently her own dissertation "Dynamic Taxonomy of Regions' Innovativeness". She has participated in 10 scientific projects financed by Polish National Centre of Science and the European Union, and in projects for governmental, local administration and business units.

Molefe Wilford is a lecturer in the Department of Statistics at the University of Botswana. He received his PhD degree from the University of Wollongong in Australia, New South Wales in 2011. His main research area is sample survey methodology. He is a member of the Democracy Research Project and AfroBarometer research consortium.

Morales Gonzalez Angel is a surgeon in El Paso, Texas and is affiliated with multiple hospitals in the area, including Del Sol Medical Center and Las Palmas Medical Center. He has been in practice for 13 years. He is a Fellow of the American College of Surgeons and the American Society of Colon and Rectal Surgeons. His main clinical interests involve the management of colorectal cancer, inflammatory bowel disease, and ano-rectal disorders, as well as minimal invasive approaches to these disease processes. Before joining Rio Grande Surgeons, Dr. Morales was Assistant Professor of Surgery at the Paul L. Foster School of Medicine.

Mościbrodzka Monika, PhD in Mathematical Sciences (Polynomially growing pluriharmonic functions on symmetric Siegel domains); she works at the Department of Functional Analysis, Institute of Economic Sciences, the University of Wroclaw, Poland. Her major research interests include the analysis of the capital market, the measurement and evaluation of the effectiveness and risks of investment funds, including using tools of multidimensional comparative analysis.

Obrębalski Marek, PhD, works at the Department of Regional Economics, Wroclaw University of Economics. His main research domains are social, economic and spatial problems of regional and local economy. M. Obrębalski has published more than 180 research papers in international or national journals. For several years his research and practical experiences have been focused on the area of regional statistics. He is a co-author of Local Data Bank – a nationwide database in a cross-section of territorial units, among other things. He is also interested in local and regional self-government, urban policy and local finance. In the period 2006-2010 he was the Mayor of Jelenia Góra, and since 2010 he has been a councillor of the Voivodship Regional Council of Lower Silesia.

Ralte Zoramthanga is a PhD student in statistics in North Eastern Hill University, Shillong, India (supervised by Prof. Gitasree Das), conducting research on the development of new estimators in successive sampling and their applications to real life data, and on the application of successive sampling under stratified random sampling. He participated in the 68th Annual Conference on

Statistics and Informatics in Agricultural Research organized by ICAR-Indian Agricultural Statistics Research Institute in 2015, and was awarded an appreciation certificate for presentation. His major research interests are focused on the area of developing estimators in stratified random sampling and successive sampling.

Shangodoyin D. K. is a full professor of statistics at the University of Botswana, Botswana. His principal strengths are in data mining, econometrics, Bayesian modelling, multivariate analysis and time series in which he has several publications that address a varied set of challenging issues requiring a thorough background in statistical theory and computing.

Tarwater Patrick M. is a Professor of Biostatistics and Epidemiology at the Paul L. Foster School of Medicine, Texas Tech University Health Sciences Center (TTUHSC), El Paso, Texas. He holds the position of Adjunct Professor in the Johns Hopkins Bloomberg School of Public Health, Baltimore, Maryland. He is a Fellow of American College of Epidemiology, Raleigh, NC. He has published over 90 peer-reviewed manuscripts. Currently, he is participating as a Co-Investigator & Principal Biostatistician in 3 R01 NIH studies. Dr. Tarwater's experience ranges from the conduct of longitudinal cohort studies in the public health sciences to experimental design in the basic sciences.

Walesiak Marek, Professor at Wroclaw University of Economics, Department of Econometrics and Computer Science in Jelenia Góra (Poland). His main fields of research interest include classification and data analysis, multivariate statistical analysis, and marketing research. Actively involved in academic and international cooperation and research projects, organizational leadership and institutional management: Head of Department of Econometrics and Computer Science (1997 –), Dean of Faculty of Regional Economics and Tourism (since 2012 Faculty of Economics, Management and Tourism), Polish Statistical Association (PTS), The Council of Section on Classification and Data Analysis of Polish Statistical Society (SKAD), International Federation of Classification Societies (IFCS), The Committee of the Statistics and Econometrics of Polish Academy of Sciences, and Vice Editor-in-Chief of Polish Statistical Review „Przegląd Statystyczny".

Wilk Justyna is an Assistant Professor in the Department of Econometrics and Computer Science at Wroclaw University of Economics, Poland. Her major research interests cover the application of symbolic data analysis, multivariate data analysis and spatial econometrics in regional research. She carries out comparative and dependence studies to reveal the determinants and problems of socio-economic development. She is particularly interested in the quality of data and proposed applying symbolic data analysis to reducing the scale effect of modifiable areal unit problem. She is a co-author of symbolic DA-package of R-CRAN for symbolic data analysis.