About the Authors

Aidi Khaoula is a lecturer of probability and statistics, Laboratory of probability and statistics LaPS, University Badji Mokhtar, Annaba, Algeria. Her research interests include probability theory and validation testing.

Ali M. Masoom is George and Frances Ball Distinguished Professor Emeritus of Statistics and Professor Emeritus of Mathematical Sciences at Ball State University, USA. Dr. Ali has published widely and extensively in leading statistical journals in areas such as finite sampling, order statistics, inference based on optimal spacing, multivariate statistics, characterization problems, mixtures of distributions, ranking and selection, survival analysis, estimation of tail probabilities, parametric estimation, Bayesian inference, skew-symmetric distributions, and generalized distributions. He is a Fellow of the American Statistical Association USA, Royal Statistical Society, UK, Institute of Statisticians UK, and Bangladesh Academy of Sciences, and Elected Member of the International Statistical Institute, Netherlands. Dr. Ali has served as editor, associate editor, and editorial board member of a number of international statistical journals.

Alizadeh Morad is an Assistant Professor of Statistics at the Department of Statistics, Faculty of Science of the Persian Gulf University. His research interests are distribution theory and statistical inference and data analysis. Dr. Alizadeh has published more than 160 research papers in international/national journals and conferences.

Aslam Muhammad received the MSc degree in statistics from the University of the Punjab, Pakistan, and the PhD degree in statistics from the University of Wales, UK in 1996. In 1980, he started his career as a Lecturer of statistics with the University of Baluchistan, Pakistan. He has served Quaid-i-Azam University, Pakistan, about 25 years, where he was the Head of the Department of Statistics, for six years. He has 42 years of teaching and research experience at graduate level. He has supervised 18 PhD degree scholars and 145 MPhil degree students. He has more than 190 research publications in international repute journals. He is currently working as a Professor of statistics at Riphah International University, Pakistan. His research interests include Bayesian inference and mathematical statistics.

Bhatti M. Ishaq is a Professor of Finance at the School of Business and Economics, Universiti Brunei Darussalam, and holds adjunct Professorship at LaTrobe University

(Melbourne), SP Jain School of Global Management (Sydney), and Australian National, King Abdul Aziz and Minhaj Universities. With an impressive academic record, he has published above 200 articles, 11 books, and amassed 4420 citations (h-index of 33) in top-tier journals. Dr. Bhatti is a renowned teacher, recognized for his excellence in the field. His expertise lies in financial data analytics and statistics. As a book series editor (Islamic Business and Finance Series - Book Series - Routledge & CRC Press) and the Editor-in-Chief of the Journal of Statistical Theory and Application, he plays a significant role in shaping academic discourse. His work can be accessed through ORCID, ResearchGate, http://orcid.org/0000-0002-5027-7871: and google scholar https://scholar.google.com/citations?pli=1&authuser=1&user=gJhCA9MAAAAJ.

Cembruch-Nowakowski Mariusz is an Associate Professor at the Department of Geographic Education and Logistics, Institute of Law, Economics and Administration, Pedagogical University of Krakow. Simultaneously he holds the position of an expert in the Centre for Cultural Statistics, Statistical Office in Kraków, His main areas of interest include: management, entrepreneurship and innovation in tourism, particularly in the hospitality, cultural and creative sectors. He researches the role of small and medium-sized enterprises and public institutions in the functioning and development of these areas of the economy. Currently he is a member of editorial board (deputy editor) of Entrepreneurship and Education journal.

Chaudhuri Arijit is currently a honorary Visiting Professor at the Indian Statistical Institute (ISI), after serving there as a Professor and later as CSIR Emeritus Scientist. His main area of research has been sample surveys and for a brief period in reliability and life testing. He guided successfully 10 PhD students. He has published about 150 papers in peer-reviewed journals. He also published 14 books on Survey Sampling with Marcel Dekker, Taylor & Francis, CRC Press, North Holland, LAP (Germany), and Prentice Hall of India as the publishers.

Chłoń-Domińczak Agnieszka – Vice Rector for Science and the head of the Institute of Statistics and Demography at SGH. She is a country team leader for the SHARE project in Poland. Between 2009 and 2017 she led the project developing the Polish Qualifications Framework and the team working on Education and Labour Market and the Educational Research Institute in Warsaw. Member of networks: Network of independent experts on education, European Social Policy Network and between 2010 and 2017 a member of the European Qualifications Framework Advisory Group. Twice a Deputy Minister of Labour and Social Policy as well as former Director of the Department of Economic Analyses and Forecasting in the same Ministry. She was the vice president of Social Protection Committee of the European Council and chair of the Working Party on Social Policy of Employment, Labour and Social Affairs Committee

of the OECD. An author and co-author of many publications in the field of pensions and labour markets.

Dorocki Sławomir is an Associate Professor at the Department of Social and Economic Geography, Institute of Law, Economics and Administration, Pedagogical University of Krakow. His main areas of interest focuses on regionalization issues and particularly on the diversity of European expanse resulting from historical and cultural conditions. Currently he is a member of editorial board (Editor of on-line publication) of Entrepreneurship and Education journal.

Dudek Hanna is an Associate Professor at the Department of Econometrics and Statistics, Institute of Economics and Finance, Warsaw University of Life Sciences. Her main research fields include applied econometrics, measurement of material deprivation and food insecurity, multidimensional poverty analysis, and demand systems. She has published over 100 papers published in scientific journals and monographs.

Eftekharian Abbas is an Assistant Professor at the Department of Statistics, Faculty of Science, University of Hormozgan. His main areas of interest include: ordered data, ranked set sampling, statistical inference, non-parametric estimation.

Ibrahim Mohamed is an Associate Professor of Applied Statistics and Mathematics, Department of Applied, Mathematical and Actuarial Statistics, Faculty of Commerce, Damietta University, Damietta, Egypt. He has an MSc in Applied Statistics, 2009, and a PhD in Applied Statistics, 2015 from Mansoura University, Egypt. He has a total of 65 publications and total citations: 1060 (Google Scholar), h-index: 21 (Google Scholar), h-index: 14 (Scopus) and i10-index: 32 (Google Scholar). His research interests include probability theory, continuous distributions, discrete distributions, continuous G families, discrete G families, Bayesian analysis, semi-parametric, parametric, nonparametric regression and new goodness-of-fit tests. Dr. Ibrahim has served as Reviewer member of several international statistical journals.

Kharazmi Omid is an Associate Professor in the Department of Statistics at Vali-e-Asr University of Rafsanjan, Rafsanjan, Iran. He received his BS degree in Statistics from Shahid Bahonar University, Kerman, Iran, in 2007, and completed his MS and PhD degrees in Statistics at the University of Isfahan, Iran, in 2009 and 2019, respectively. He has actively collaborated with researchers both locally and internationally, fostering a global exchange of knowledge and ideas. His research findings have been disseminated in reputable journals, contributing to the advancement of statistical science. His research interests include applied probability modelling, reliability theory, information theory, data science, and Bayesian analysis.

Kiani Sania Khawar is an Assistant Professor at the Department of Rehabilitation and Allied health sciences, Riphah International University. She received her MPHIL

degree in Statistics from Quaid I Azam University, Islamabad Pakistan in 2012. She started her career as Lecturer in 2013. She has more than 10 years teaching and research experience at graduate and post graduate level. She gives her expertise in statistical analysis of rehabilitation research projects. Simultaneously, she is providing statistical consultancy in Journal Riphah College of Rehabilitation Sciences. She has published about 15 articles. Her research interests include Bayesian inference and biostatistics.

Landmesser-Rusek Joanna is an Associate Professor at the Department of Econometrics and Statistics, Institute of Economics and Finance, Warsaw University of Life Sciences. Her main research interests focus on microeconometric modelling: counterfactual scenarios analysis, decomposition of income inequalities, hazard models, and multidimensional poverty. She has published more than 80 research papers in scientific journals and three monographs.

Małecka Marta has graduated from University of Lodz, Poland, where she obtained degrees in three study programmes run at two faculties: Faculty of Economics and Sociology and Faculty of Mathematics and Informatics. In 2014 she obtained PhD degree in Economics at the University of Lodz. She was granted the Award of the Polish Financial Supervision Authority for the doctoral thesis in finance in 2015. In years 2014-2018 she was a coordinator of the National Science Centre project „Hypothesis Testing in Market Risk Evaluation". She is a member of the Polish Statistical Association. For over 10 years her academic writing has explored various aspects of statistical testing in finance. Current areas of focus include market risk management, extremal risk measures and testing risk models.

Mikulec Artur is an Assistant Professor at the Department of Statistical Methods, Faculty of Economics and Sociology, University of Lodz. Simultaneously he holds the position of a deputy director at the Statistical Office in Lodz. His main areas of interest include: linear ordering methods, cluster analysis, duration analysis of enterprises and application of statistical methods in biological sciences.

Olanrewaju Rasaki Olawale is a Research Associate at the Department of Business Analytics and Value Networks (BAVNs), Africa Business School (ABS), Mohammed VI Polytechnic University (UM6P). He holds a Doctor of Philosophy in Mathematics (Statistics option) from the Pan African University Institute for Basic Sciences, Technology and Innovation (PAUSTI). He has received his Master of Science (Proceed to PhD grade), Bachelor of Science (First Class Honor), and Professional Diploma in Statistics (Distinction), all in Statistics from the prestigious University of Ibadan. His research interests are time series analysis, statistical modelling, Bayesian methods, statistical inference, machine learning, mathematical statistics, stochastic processes, econometric, high-dimensional analysis, and data analysis in particular. Rasaki has published more than thirty-eight (38) research publications in peer-reviewed

international/national journals and conferences. He is an active member of many scientific and statistical professional bodies.

Olanrewaju Sodiq Adejare is currently rounding-up his Bachelor of Science in Statistics at the Department of Statistics, Faculty of Science, University of Ibadan. His research interests entail time series analysis, statistical modelling, Bayesian methods, statistical inference, machine learning. Sodiq has published seven (7) research publications in peer-reviewed international/national journals.

Omodolapo Waliyat Isamot is currently a research assistant at the Department of Epidemiology and Medical Statistics, University College Hospital. She received her Master of Science, Bachelor of Science, and National Diploma in Statistics from University College Hospital, University of Ibadan and Federal School of Statistics. Her main areas of interest include biostatistics, medical statistics, time series analysis, and sample surveys.

Pal Sanghamitra is in the Department of Statistics, West Bengal State University, India. Her main areas of interest include Survey Sampling: Development of theories in unequal probability sampling, randomized response techniques, adaptive cluster sampling, and small area estimation. She is an active reviewer of many journals.

Panichkitkosolkul Wararit is an Associate Professor at the Department of Mathematics and Statistics, Faculty of Science and Technology, Thammasat University. Simultaneously, he holds the position of an editor-in-chief of Thailand Statistician: Journal of the Thai Statistical Association. His main areas of interest include: statistical inference, probability theory and time series analysis. Currently, he is a member of two editorial boards: Thailand Statistician and Science and Technology Asia.

Patra Dipika is in the Department of Statistics, Seth Anandram Jaipuria College, India. Her main areas of interest include survey sampling, randomized response techniques, adaptive cluster sampling, Kalman filtering.

Priyanka Kumari is a Full Professor of Mathematics. Her research interests are sampling theory, statistical inference, sensitive estimation theory and missing data analysis. Professor Kumari Priyanka has published more than 44 research papers in peer-reviewed international journals of repute, delivered many invited talks, and participated in many conferences/seminars. She has authored a book with reputed publisher and is also serving as referee/reviewer of several SCI indexed International Journals. She is the life-time member of many academic societies/associations and is also associated with many research groups in India and abroad.

Ptak-Chmielewska Aneta is an Associate Professor at the Institute of Statistical and Demography, Collegium of Economic Analysis, Warsaw School of Economics. Simultaneously, she holds the position of Credit Risk Model Validation Department

Lead in ING Tech Poland in Warsaw. Her main areas of interest include: business demography, enterprises survival and bankrupty measurement, data mining and machine learning techniques. Currently, she is a member of Scientific Council of Economy and Finance Discipline in Warsaw School of Economics.

Ranjbar Vahid is an Assistant Professor of Statistics at the Department of Statistics, Faculty of Science of the University of Golestan. His research interests are distribution theory, censored data analysis, statistical inference and data analysis. Dr. Ranjbar has published more than 60 research papers in international/national journals and conferences.

Trisandhya Pidugu is an Assistant Professor of Mathematics. Her research interests are Sampling theory, Statistical Inference and Sensitive estimation theory. Dr. Pidugu Trisandhya has published 13 research papers in peer-reviewed international journals of repute and participated in many conferences/seminars.

You Yong is a Senior Research Methodologist at Statistics Canada. His research interest is small area estimation and Bayesian inference for survey data analysis. Dr. You published dozens of research papers in international/national journals and conferences. Dr. You won the 2021 Tom Symons Research Award of Statistics Canada for the recognition of the publication of outstanding research work.

Yousof. Haitham M. is an Assistant Professor of Statistics, Department of Statistics, Mathematics and Insurance, Faculty of Commerce, Benha University, Egypt. He has an MSc in Applied Statistics, 2011, and a PhD in Applied Statistics, 2015 from Benha University, Egypt. He has a total of 230 publications and total citations: 6002 (Google Scholar), h-index: 46 (Google Scholar), h-index: 30 (Scopus) and i10-index: 134 (Google Scholar). His research interests include Probability theory, continuous distributions, discrete distributions, continuous G families, discrete G families, Bayesian analysis, semi-parametric, parametric, nonparametric regression and new goodness-of-fit tests. Dr. Yousof has served as an editor, associate editor, and editorial board member of several international statistical journals. Dr. Yousof has a total of 18 years of experience as a practitioner and teacher of Statistics.

Żebrowska-Suchodolska Dorota is a doctor of economic sciences in the discipline of finance. She works at the Warsaw University of Life Sciences. She is the author and co-author of several dozen scientific articles, chapters in monographs and one monograph. Her scientific interests focus on the information efficiency of the capital market, the efficiency of investment fund management, multidimensional data analysis, and the use of quantitative methods in the capital market.