

## **REPORT**

### **The XXXIII International Conference on Multivariate Statistical Analysis, 17–19 November 2014, Łódź, Poland**

The 33<sup>rd</sup> edition of the International Conference on Multivariate Statistical Analysis was held in Lodz, Poland, on November 17–19, 2014. The MSA 2014 conference was organized by the Department of Statistical Methods of the University of Lodz, the Institute of Statistics and Demography of the University of Lodz, the Polish Statistical Association and the Committee on Statistics and Econometrics of Polish Academy of Sciences. The Organizing Committee included: Professor Czesław Domański (Chairman) and Marta Małecka and Elżbieta Zalewska, (scientific secretaries) from the Department of Statistical Methods of the University of Lodz.

The Mayor of the City of Lodz, Hanna Zdanowska took the honorary patronage of the Multivariate Statistical Analysis MSA 2014 conference. Its organization was financially supported by the National Bank of Poland, the Polish Academy of Sciences, the Lodz City Council and StatSoft Polska Sp. z o.o.

The 2014 edition, as all previous Multivariate Statistical Analysis conferences, aimed at creating the opportunity for scientists and practitioners of statistics to present and discuss the latest theoretical achievements in the field of the multivariate statistical analysis, its practical aspects and applications. A number of presented and discussed statistical issues were based on questions identified during previous MSA conferences. The scientific programme covered various statistical problems, including multivariate estimation methods, statistical tests, non-parametric inference, discrimination analysis, Monte Carlo analysis, Bayesian inference, application of statistical methods in finance and economy, especially methods used in capital market and risk management. The topic range also included design of experiments and survey sampling methodology, mainly for the social science purposes. The conference was attended by 87 participants from the main academic centres in Poland (Białystok, Katowice, Krakow, Olsztyn, Opole, Poznan, Rzeszow, Szczecin, Torun, Warszawa, Wrocław) and from abroad (Finland, Ukraine, Lithuania). The list of participants included scientists, academic tutors as well as representatives of the National Bank of Poland, local statistical offices and business. In 17 sessions 67 papers were presented, including 3 invited lectures.

The conference was opened by Professor Czesław Domański. The subsequent speakers on the conference opening were Professor Antoni Różalski, a representative of the Rector of the University of Lodz, Professor Włodzimierz Nykiel and Professor Paweł Starosta, the Dean of the Faculty of Economics and Sociology of the University of Lodz.

After the opening ceremony all participants had the opportunity to attend the invited lecture by Professor Józef Pociecha, Professor Barbara Pawelek, Mateusz Baryła and Sabina Augustyn (Cracow University of Economics) *Crucial Problems Of Corporate Bankruptcy Modelling And Prediction*. The second invited lecture was presented by Professor Tadeusz Trzaskalik (University of Economics in Katowice) at the opening of the second day of the conference and was dedicated to *Modelling And Synthesis Of Preferences In Discrete Multicriteria Decision Problems*. At the conference closing the participants attended the invited lecture by Tomasz Górecki, Professor Mirosław Krzyśko and Waldemar Wołyński (Adam Mickiewicz University) entitled *Multivariate Functional Regression Analysis With Application To Classification Problems*.

Among regular conference sessions, the historical plenary session was held, chaired by Professor Mirosław Krzyśko, and dedicated to eminent Polish scientists. Professor Czesław Domański (University of Lodz) recalled the work and profile of outstanding Polish statisticians: Władysław Grabski and Oskar Lange. Professors Tadeusz Bednarski (University of Wrocław), Józef Dziechciarz (Wrocław University of Economics) and Paweł Starosta (University of Lodz) shared their memories of Jerzy Sława-Neyman, Zdzisław Hellwig and Władysław Welfe, respectively. Professor Iwona Markowicz (Szczecin University) dedicated her presentation to Mirosława Gazińska. Grzegorz Wylupek (University of Wrocław) outlined the life and scientific achievements of Józef Łukaszewicz and Piotr Nowak (University of Wrocław) presented the profile of and Jarosław Bartoszewicz.

Other sessions were chaired respectively by:

SESSION II	Professor Tadeusz Bednarski (University of Wrocław)
SESSION III	A Professor Grażyna Trzpiot (University of Economics in Katowice)
SESSION III	B Professor Andrzej Dudek (Wrocław University of Economics)
SESSION IV A	Professor Daniel Kosiorowski (Cracow University of Economics)
SESSION IV B	Professor Józef Pociecha (Cracow University of Economics)
SESSION V A	Professor Janusz Wywiół (University of Economics in Katowice)
SESSION VI	A Professor Jerzy Korzeniewski (University of Lodz)
SESSION VI	B Professor Tadeusz Trzaskalik (University of Economics in Katowice)

- SESSION VII A Professor Andrzej Sokołowski (Cracow University of Economics)
- SESSION VII B Professor Marek Walesiak (Wroclaw University of Economics)
- SESSION VIII A Professor Grzegorz Kończak (University of Economics in Katowice)
- SESSION VIII B Professor Józef Dziechciarz (Wroclaw University of Economics)
- SESSION IX A Professor Grażyna Dehnel (Poznan University of Economics)
- SESSION IX B Professor Małgorzata Markowska (Wroclaw University of Economics)
- SESSION X Professor Bronisław Ceranka (Poznan University of Life Sciences)

The MSA 2014 conference was closed by the Chairman of the Organizing Committee, Professor Czesław Domański, who summarized the Conference as very effective and added that all discussions and doubts should become inspirations and strong motivations to further work for both scientists and practitioners. Finally, he thanked all the guests, conference partners and sponsors.

The next edition of Multivariate Statistical Analysis Conference MSA 2015 is planned on November 16<sup>th</sup> – 18<sup>th</sup>, 2015, and will be held in Lodz, Poland. The Chairman of the Organizing Committee, Professor Czesław Domański informed all that this will be the 34<sup>th</sup> edition of the conference and kindly invited all interested scientists, researchers and students to take part in it.

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