

INTRODUCTION

The following volume of *Folia Oeconomica* entitled *Statistical Methods in Economic Practice* contains a collection of papers presented at the Conference "Pfungstaggung 2000" organised by German and Polish Statistical Associations in Frankfurt (Oder) in 2000.

This Conference constituted an important step in the favourable co-operation between German and Polish statisticians. It gave also an opportunity to exchange experiences both in the scope of statistical theory and its application in economic practice.

The first part of the issue entitled *Estimation and Testing. Numerical Approach to Some Statistical Concepts* comprises four papers dealing with some theoretical problems of statistical methodology.

The first one *The Closed Bootstrap Multiple Test Procedure* by Czesław Domański and Dariusz Parys presents the ideas of applying the bootstrap technique and closed testing procedures in the so-called multiple comparison test.

In the next paper entitled in German *Die Gini-Mitteldifferenz in der Statistischen Praxis. Anwendung auf einige inflationistische Verteilungen* by Tadeusz Gerstenkorn and Joanna Gerstenkorn application of the Gini's mean difference to inflated distributions is considered. Also the exhausting literature is cited.

The paper by Agnieszka Rossa *Partially Parametric Estimation of Survival Function in the Right-Censored Data* deals with a problem of estimating survival distributions in the case of incomplete (censored) data.

In the paper *Research of Disturbance in Model of Linear Regression Estimated According to Criteria of Least Squares* the authors Wiesław Wagner and Anna Budka present a numerical approach to estimation of the so called "degree of perturbations" of coefficients in the simple linear regression model.

In the next paper, Wiesław Wagner and Małgorzata Kobylińska discuss a notion of observation depth in the sample proposed by Tukey. In their paper *Numerical Presentation of the Selected Statistical Notions Based on Tukey's Concept of Observation Depth in the Sample* selected statistical concepts based on the mentioned notion are presented and some new

numerical algorithms measuring the intensity of the observation depth are proposed.

Second part of the volume entitled *Applications of Statistical Methods* consists of five papers devoted to some problems of applied statistics. The first one *Probability Prognosis of the States of Results During Volleyball Match Sets* by Małgorzata Anioł and Wiesław Wagner a simplified theoretical model of volleyball game is presented. Also helpfulness of this model in interpretation of game results is illustrated.

In the next paper *Application of Small Area Statistics in Agriculture Investigations* Piotr Błażczak and Feliks Wysocki present a problem of parameter estimation on the ground of sampling theory. Especially, applications of some probability sampling procedures and their usefulness in assessment of population parameters are discussed.

The paper *Establishing the Bank Rates With the Use of Statistical Methods* by Czesław Domański and Jarosław Kondrasiuk presents some statistical solutions to the problem of changing rates of bank products. Two alternative methods are applied to solve this problem: the game theory and Analytic Hierarchy Process.

Mieczysław Król and Tomasz Pisula are authors of the paper *Econometric Evaluation of Effective Control in a System of Transport-Reserves Type*. The paper focuses on effective control in a system "of transport-reserves" type with an emergency supply. Different variants of the system operation are considered and their effectiveness in the economical term is assessed.

The last paper *Objective and Subjective Evaluation of the Condition of Manufacturing Branches in Poland – a Comparative Analysis* by Dorota Kwiatkowska-Ciotucha, Urszula Załuska and Paweł Hanczar deals with the comparison of some manufacturing branches with respect to their economic condition. In this comparison two different approaches, objective and subjective, were employed.

Czesław Domański