

18. International symposium on econometrics operation research and statistics *

By Mehmet BÖLÜKBAŞ †

Abstract. “XVIII. International Symposium on Econometrics Operations Research and Statistics” hosted by Karadeniz Technical University, Faculty of Economics and Administrative Sciences, Department of Econometrics was held in Trabzon between 5th and 7th of October, 2017. The symposium is convened once a year and organized by different universities in different cities every year. Trabzon, which is the most important center in the history and socio-cultural aspects of the Eastern Black Sea Region, hosted the international symposium this year. The symposium did not have a special theme but it aimed to create an atmosphere for academics, professionals and young researchers in the field of econometrics, operations research and statistics. It can be said that the goal was realized because there was an immense interest to the symposium and more than 300 papers were presented during the symposium with parallel sessions. The contents of the symposium papers consisted of new method applications and current economic developments.

Keywords. Econometrics, Operations Research, Statistics, Turkey.

JEL. B23, C44, C15, O53.

Conference notes

XVIII. International Symposium on Econometrics Operations Research and Statistics” started on the 5th of October, 2017 in Karadeniz Technical University, Osman Turan Culture and Congress Center. The invited speaker of the symposium was Anil, K. Bera who is a professor in University of Illinois, Department of Economics. Anil, K. Bera, who has numerous studies in the field of econometrics made a speech about current econometric developments and provided some information about his new studies in the keynote session.

Parallel sessions about econometrics, operations research and statistics commenced shortly after keynote sessions. I usually attended the econometrics sessions because of my interest in econometrics and had the chance to listen to the studies of famous Turkish econometricians such as Bülent Güloğlu, FerdaYerdelen Tatoğlu, Furkan Emirmahmutoğlu, Şaban Nazlıoğlu, VeliYılanıcı etc. When we look at the studies presented in econometric sessions, it is seen that many new econometric topics were being presented such as second generation panel unit root tests, second generation panel cointegration tests, structural breaks and panel causality, panel cointegration tests based on nonlinear vector error correction model. The symposium continued with parallel sessions on the second day and more than 300 papers were presented by approximately 400 academicians, researchers and professionals from Turkey and foreign countries. The symposium sessions were classified based on econometrics, operations research and statistics topics.

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I participated in the“XVIII. International Symposium on Econometrics Operations Research and Statistics” with the paper focusing on the relationship between inflation, economic growth and youth unemployment in Turkey for the period 2006-2016. The paper was in the econometrics session of the symposium which took place on the 6th of October between 09:15-10:30. The objective of the paper is to examine the relationship between inflation, economic growth and youth unemployment for Turkey. In this regard, econometric analysis was applied to find empirical results in the study and findings show that there is a unidirectional causality between economic growth and inflation as well as a unidirectional causality between economic growth and youth unemployment. At the same time, a long-term relationship was found between variables by using Johansen cointegration analysis. Based on these results, it could be considered that developments in youth unemployment are not independent from inflation and economic growth in Turkey for the period 2006-2016.



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