ABSTRACTS

Session 3: METHODOLOGICAL ISSUES AND APPROACHES TO CALCULATE INTER-COUNTRY AGRICULTURAL TFP

Jean-Pierre BUTAULT, An approach of the total productivity within European agricultures, INRA, France

This paper examines the possibilities of calculating the evolution of the conventional total productivity of European agricultures starting from the new Eurostat data. This calculation requires to incorporate the outputs and the inputs (intermediate consumptions, capital, land, labour). For the former members of the European Union (Belgium, Denmark, Germany, Greece, Ireland, Spain, France, Italy, Luxembourg, Netherlands, Austria, Portugal, Finland, Sweden, the United Kingdom), the data are available starting from 1991. For some new members (Bulgaria, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovenia, Slovakia), the data are available only starting from 2000. Approximations are necessary to appreciate the shares of the factors in particular. For some countries, calculation is possible starting from 1973 by jointly using the data of old and the new methodology.