DESCRIPTION FOR THE GENERAL PUBLIC

The main goal of the project is to apply for the first time entropy econometrics into regionalization of national IO tables. Also, we want to compare the outcome of three different non-survey regionalization methods: location quotient based, RAS and entropy econometrics. Finally, we want to compute regional IO tables for Poland based on the regionalization methodology that proves to be the most accurate one.

Proposed project should significantly improve the knowledge concerning the application of different regionalization methods. In this sense we will take a part in the methodological discussion in the field of the regional (sub-national/interregional) input-output analyses that has been observed in recent years (in particular in Regional Studies and Economic Systems Research journals). From the point of view of Polish researchers and policy makers much more important will be computation of regional input-output tables for Poland. There could be used to verify the accuracy of the tables compiled recently by Zawalińska (project DEC-2012/07/B/HS4/03251) and applied in many future studies.

The main reason behind the choice of the research topic is the lack of the studies that apply entropy econometrics in regionalization of national input-output tables. Also, there hardly exist studies comparing the outcomes of different non-survey methods. As a result there exists a gap in the literature that can be, for the first time, at least partially filled due to the completion of proposed project.