

THE USE OF ALTERNATIVE DATA SOURCES AT STATISTICS LITHUANIA

Tomas Rudys

Statistics Lithuania, Lithuania
e-mail: tomas.rudys@stat.gov.lt

Abstract

We are giving a short overview of the projects related to the use of alternative data sources at Statistics Lithuania. In this digitalization age huge amount of data is available from different data sources including privately held data. In order to use these kind of data and make inference its important to understand the data generation mechanizms which are usualy not very clear. In this talk first atemps to use alternative data sources and chalanges at statistics Lithuania will be presented. Particularly the talk will focus on legislative, technical aspects of alternative data sources, importance of the need for mew methods and techniques for data integration. Curently projects releated the use of web scraped data for online vacancies and enterprise characteristics is under development. Additionally engitiation with private trade companies is giving first results to obtain scaner data fro price statististics. Furthemore analysis of possibilities to use satelite imagery data for agriculture statistics is under way. Despite methodological difficulties the possibilities to obtain data from private sector remains. These issues will be shortly discussed during the presentation.