

## **Estimating regional quarterly GDP using additional set of variables**

The main goal of the paper is to create higher frequency data at regional level. The article presents the application of cointegrated VAR model to temporal disaggregation of regional GDP. The disaggregated time series will be prepared using a CVAR model and the additional macroeconomic indicators (including labour market outcomes, price indices, gross fixed capital formation, industry production and other as necessary). The data covers Polish economy and the period from 1995:01 to 2017:04. Macroeconomic data obtained as a result of the forecasting process indicate that economic dynamics of Polish regions is diversified. Moreover, analysed fluctuations at the national level and based on them fiscal and monetary policy seem to be ineffective for certain regions.