

## **Abstract**

This paper would like to investigate the supply-side and demand-side of the automotive industry in seven Central and Eastern European countries during the COVID-19 pandemic. This paper adopted the vector autoregression (VAR) model to analyse the changes in the variables when experiencing the shock. The results suggest weak influences between the variables. Then, this paper directly compares the trends of each variable over the past five years. We observe strong correlations between related variables to production and sales respectively. We suspect the weak VAR model results might be due to the relatively short pandemic period to the whole time range.