

ABSTRACT

The purpose of this research is to analyze the links of the main competitive sectors that dominate in the Purwomanggung region. The data used in this study are distance, GRDP data and economic sector based on business areas of districts/cities in Purwomanggung Area during the period 2012-2021. This research was conducted using the Shift Share calculation method to see the peak competitive sectors of each region and to see which peak competitive sectors dominate, then the Moran's Index and LISA methods to see spatial linkages between regions based on leading competitive leading sectors, as well as linear regression analysis to determine the influence of leading competitive leading sectors based on Shift Share's previous analysis of economic growth in other regions that have spatial connections based on previous Moran's index and LISA analysis in the Purwomanggung area.

Shift Share results show that Purworejo Regency has 8 competitive leading sectors, Wonosobo Regency has 12 competitive leading sectors, Magelang Regency has 7 competitive leading sectors, Magelang City has 6 competitive leading sectors, and Temanggung Regency has 10 competitive leading sectors. The Moran's Index shows that the spatial linkages in the Purwomanggung area tend to be spread out and not significant. The linkage patterns formed in the agricultural sector are High-High (Magelang Regency) and Low-High (Purworejo Regency and Magelang City); the construction sector, namely High-Low (Magelang Regency), Low-High (Magelang City), and Low-Low (Wonosobo Regency); wholesale and retail trade sector namely High-Low (Magelang Regency). The results of the linear regression analysis show that the economic growth of the other regions that are most closely related to each other is significantly influenced by wholesale and retail trade. The agricultural sector and the construction sector only provide a significant influence on the economic growth of one of these regions.

Keywords: *Competitive Leading Sectors, Spatial Linkages, Moran Index and LISA, Purwomanggung Area*