

## HOW THE LEVEL OF TECHNOLOGY OF COUNTRIES INFLUENCES GDP

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The objective of this work is to study how the level of technology adoption in countries influences economic growth. Some authors have argued that technology is the main source of growth for a country (Jordá-Borrell & López-Otero, 2020; Wamboye, Tochkov, & Sergi, 2015), and in this article, we seek to test these hypotheses by reviewing different variables associated with technology. Technology makes it possible to increase productivity, facilitate innovation, and improve the economy and the level of well-being of the citizens of each country.

In the first instance, were analyzed Latin American countries and the effect of technology adoption on GDP, and then the analysis was carried out including other technology variables such as the digitalization of government systems, technological entrepreneurship, and adoption of technology, among other variables that could influence the economic development of countries.

The results show that countries with a higher level of technology adoption show a positive effect on GDP, showing greater economic development. It is expected that this research will allow Latin American countries to develop new public policies to improve and increase technological adoption and development within their developing countries.

1. Jordá-Borrell, R., & López-Otero, J. (2020). Factores de crecimiento económico en los países en desarrollo: el papel de las TICs. *Boletín de la Asociación de Geógrafos Españoles*, (86).
2. Wamboye, E., Tochkov, K., & Sergi, B. S. (2015). Technology adoption and growth in sub-Saharan African countries. *Comparative Economic Studies*, 57, 136-167.