

## **Economic Growth and Total Factor Productivity by the Use of Rail Way Transport in the City of Medellín - Colombia in the Period 2012-2016**

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**Abstract :** The present research project aims to determine whether it is possible to have a statement, allowing you to have an economic model to establish clearly if the population that uses the rail system underground in the city of Medellín with an increase in productivity total factor. The present project aims to concentrate on the surroundings to the system underground for a period of 60 months in the city of Medellín. According to the review bibliographic is can establish that in it most of them cases, the cities that have with systems of transport rail are more productive. And should to its time present is an analysis that may lead to determine if effectively the use of the transport railway improves the productivity of a city and its inhabitants.

**Keywords :** economic growth, mobility urban, total factor productivity, rail transport

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