

**LUZ YADIRA GOMEZ-HERNANDEZ**

Universitat Autònoma de Barcelona, Spain

**MIQUEL-ANGEL GARCIA-LOPEZ**

Universitat Autònoma Barcelona, Spain

## **HOUSING PRICES AND PUBLIC TRANSPORTATION IMPROVEMENTS. EVIDENCE FROM MEDELLIN, COLOMBIA.**

### **Abstract:**

This paper aims to establish the impact of the Metroplus, the BRT system of Medellin, on housing prices in the city. Using repeated cross-section data from the Quality of Life Survey of Medellin for 2010 and 2014, and a difference-in-differences estimator at the city level as well as per city zones, we found that accessibility to Metroplus had a negative impact on the growth of the rental prices. Results are associated with the differences in demographic characteristics and infrastructure across areas.

### **Keywords:**

Public transportation, Bus Rapid Transit. Hedonic price model, Difference in Difference Estimator.

**JEL Classification:** R00, R28, R40