

Is the COVID-19 Pandemic Fast-Tracking Automation in Developing Countries?

Evidence from Colombia - Portal de Investigaciones Económicas

Is the COVID-19 Pandemic Fast-Tracking Automation in Developing Countries? Evidence from Colombia

Número:

4

DOI:

<https://doi.org/10.1086/726758>

Publicado:

Martes, 11 Julio 2023

Authors:

[Leonardo Bonilla-Mejía^a](#),

[Luz Adriana Flórez^a](#),

Didier Hermida-Giraldo^a,

[Francisco Javier Lasso-Valderrama^a](#),

[Leonardo Fabio Morales^a](#),

[Juan José Ospina-Tejeiro^a](#),

[José Pulido^a](#)

Ver más

^aBanco de la República, Colombia

Clasificación JEL:

F16

[Descargar documento](#)

Lo más reciente

[De la calamidad a la oportunidad: mejoras en la calidad habitacional en Colombia durante el Fenómeno de la Niña 2010 - 2011](#)

Andrés Mauricio Sánchez-Jabba

[Evolución de la distribución de los nuevos préstamos por categoría de riesgo a lo largo del ciclo de crédito de la postpandemia en Colombia](#)

Gómez-Molina Andrés Camilo, Carlos Quicazán-Moreno, Hernando Vargas-Herrera

[Costos de entrenamiento y demanda de aprendices](#)

Luis E. Arango, Leonardo Bonilla-Mejía, Luz Adriana Flórez, Luis E. Arango

[Otras Publicaciones](#)

We assess the impact of COVID-19 pandemic on the automation process in Colombia, a country with low R&D and productivity and high labor informality. We estimate event-study models to evaluate the differential effect of the pandemic on job openings and salaried employment by the potential degree of automation of each occupation. The results indicate that both vacancies and salaried employment declined more in highly automatable occupations. However, there is no evidence of persistent effects. We find that automation mainly affected the labor market of females, individuals over 40 years old, and low-paid

Is the COVID-19 Pandemic Fast-Tracking Automation in Developing Countries? Evidence from Colombia

Is the COVID-19 Pandemic Fast-Tracking Automation in Developing Countries? Evidence from Colombia - Portal de Investigaciones Económicas
