

Geographic isolation and learning: Evidence from rural schools in Colombia

ECONOMICS OF EDUCATION REVIEW

DOI:

<https://doi.org/10.1016/j.econedurev.2024.102522>

Publicado:

Viernes, 15 Marzo 2024

Authors:

[Leonardo Bonilla-Mejía^a](#),

Erika Londoño^e,

María Fernanda Henao^e

Ver más

^aBanco de la República, Colombia

^eExterno

Clasificación JEL:

I24, R12, I21

[Descargar documento](#)

Lo más reciente

[Uncertainty and monetary policy: the case of the Central Bank of Colombia](#)

Hernando Vargas-Herrera

[Revista Ensayos Sobre Política Económica - Explorando las brechas de género en Colombia](#)

María Teresa Ramírez-Giraldo, Karina Acosta, Olga Lucia Acosta Navarro, Lucia Arango-Lozano, Fernando Arias-Rodríguez, Oscar Iván Ávila-Montealegre, Oscar Reinaldo Becerra Camargo, Leonardo Bonilla-Mejía, Grey Yuliet Ceballos-García, Luz Adriana Flórez, Juan Miguel Gallego-Acevedo, Luis Armando Galvis-Aponte, Luis M. García-Pulgarín, Andrés Felipe García-Suaza, Anderson Grajales, Daniela Gualtero-Briceño, Didier Hermida-Giraldo, Ana María Iregui-Bohórquez, Juliana Jaramillo-Echeverri, Karen Laguna-Ballesteros, Francisco Javier Lasso-Valderrama, Daniel Márquez, Carlos Alberto Medina-Durango, Ligia Alba Melo-Becerra, María Fernanda Meneses-González, Juan José Ospina-Tejeiro, Andrea Sofía Otero-Cortés, Daniel Parra-Amado, Juana Piñeros-Ruiz, Christian Manuel Posso-Suárez, Natalia Ramírez-Bustamante, Mario Andrés Ramos-Veloz, Jorge Leonardo Rodríguez-Arenas, Alejandro Sarasti-Sierra, Bibiana Taboada-Arango, Ana María Tribín-Urbe, Juanita Villaveces

[Un enfoque para estimar intervalos de confianza del ciclo de los negocios](#)

Wilmer Martínez-Rivera, Manuel Darío Hernández-Bejarano

[Otras Publicaciones](#)

Rural schools are usually behind in terms of learning, and this could be partly related to geographical isolation. We explore this hypothesis, assessing the causal effect of the distance between schools, towns, and State capitals on elementary school test scores. We use granular administrative records from Colombia and estimate spatial regression discontinuity models. Results indicate that the distance to both towns and State capitals

Geographic isolation and learning: Evidence from rural schools in Colombia - Portal de Investigaciones Económicas

negatively affect students test scores. The differences in educational inputs, such as teachers education attainment and contract stability, partly explain these gaps. A program providing monetary incentives to teachers in difficult access areas fails to attenuate the isolation effect.