

Social and Other Determinants of Life Insurance Demand

SOA Research Institute

Publicado:

Lunes, 15 Agosto 2022

Authors:

[Wilmer Martinez-Rivera,](#)

Kyran Cupido,

Petar Jevtić,

Jianxi Su

[Descargar documento](#)

- [Executive Summary](#)

Lo más reciente

[Documentos de Trabajo Sobre Economía Regional y Urbana - Impacto de los cierres en la vía al llano sobre los precios de los alimentos en Colombia](#)

Jhorland Ayala-García, Yesica Tatiana Lara-Silva, Alejandro Alberto Vargas-Villamil, Lina Romero-Chaparro

[Impacto macroeconómico y fiscal del cambio demográfico](#)

Jesús Alonso Botero-García, Ligia Alba Melo-Becerra, Cristian Castrillón Gaviria, Daniela Gallo

[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

[Otras Publicaciones](#)

Executive Summary

Life insurance demand is a complex phenomenon that can be measured in multiple ways. Understanding it in the context of various potential drivers is of immense interest to insurance companies, insurance markets, regulators, and broader society. Unfortunately, to our knowledge, not much work has been done to address this topic in the current academic literature. That is why in this work, we perform a spatial regression analysis using multi-scale

Social and Other Determinants of Life Insurance Demand - Portal de

Investigaciones Económicas

geographically weighted regression (MGWR) approach. As response variables, we consider annual permanent life insurance premiums and annual term life insurance premiums for 2020, which total \$12,840,615,055, as proxies for insurance demand in the United States. The covariates considered were broadly classified into two groups: social capital and population composition. Because the COVID-19 pandemic emerged in 2020, results of this study may or may not represent a typical year. Identifying the impact of COVID-19 on results is beyond the scope of this study.

Our findings show that among those covariates found to be statistically significant, not all were relevant on the same spatial scales. Some were globally relevant, meaning they exhibit a relatively equal association with insurance demand across the entire country as a whole, other covariates are regionally relevant, with effects that are realized in certain broad areas of the country, and other covariates operate locally, with effects that specific to small amounts of counties. The spatial scale on which covariates were relevant also depends on whether permanent or term life insurance is considered.