

# Banks in Colombia : How homogeneous are they?

Borradores de Economía

**Número:**

1022

**DOI:**

<http://doi.org/10.32468/be.1022>

**Publicado:**

Sábado, 7 Octubre 2017

**Clasificación JEL:**

C38, G21, L22, L25

**Palabras clave:**

Aglomeración, Bancos, Diversidad, Riesgo sistémico

[Descargar documento](#)

## Lo más reciente

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

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

[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-Uribe, Juanita Villaveces

[Otras Publicaciones](#)

In complex systems, homogeneity (i.e. lack of diversity) has been documented as a source of fragility. Likewise, financial sector's homogeneity has been documented as a contributing factor for systemic risk. We assess homogeneity in the Colombian case by measuring how similar banks are regarding the structure of their overall financial statements, and their lending, investment, and funding portfolios. Distances among banks and an agglomerative clustering method yield the hierarchical structure of the banking system, which exhibits how banks are related to each other based on their financial structure. The Colombian banking sector displays homogeneous features, especially among the largest banks. Results enable to study to what extent the banking sector is homogeneous, and to identify banking firms that

Banks in Colombia : How homogeneous are they?

## **Banks in Colombia : How homogeneous are they? - Portal de Investigaciones**

### **Económicas**

have a (n) (un) common financial structure. Yet, as we neither examine Colombian banking system complexity nor banks' soundness nor higher dimensions of diversity, conclusive inferences about systemic risk and financial stability are pending.