# BOLETÍN MENSUAL BIBLIOTECA BANCO DE MÉXICO

# **SEPTIEMBRE 2024**



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#### Sobre la Biblioteca del Banco de México

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## **Lecturas Recomendadas**

- Documentos de investigación del Banco de México
- Revistas y artículos
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## SOBRE LA BIBLIOTECA DEL BANCO DE MÉXICO

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# Documentos de investigación del Banco de México

Duración de precios usando datos diarios online: ¿Tiempo- o estado-dependiente? (Disponible en inglés)

2024-10 Solórzano, Diego; Arango-Castillo, Lenin Modelos de estudio de evento en panel: Una introducción al paquete xtevent que permite su estimación y visualización (Disponible en inglés)

> 2024-09 Freyaldenhoven, Simon; Hansen, Christian B.; Pérez Pérez, Jorge; Shapiro, Jesse M.; Carreto, Constantino

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<u>Ver documentos de</u> <u>investigación anteriores</u>





## Documentos de investigación del Banco de México



Duración de precios usando datos diarios online: ¿Tiempo- o estado-dependiente?

Solórzano, Diego; Arango-Castillo, Lenin Banco de México, 2024-10

Descargalo en la siguiente liga:

DOI: https://doi.org/10.36095/banxico/di.2024.10

#### Resumen:

Utilizando precios recopilados diariamente a través de web scraping en México, se analiza si los ajustes de precios se pueden explicar en función de características que dependen del tiempo, como la duración que permanece un precio sin cambio, y/o si dependen del estado de la economía. Mediante un modelo de duración, se encuentra evidencia de ambos, tiempo-dependientes y estado-dependientes. A favor de la tiempo-dependencia, los resultados muestran que los intervalos de precios presentan un mayor riesgo de concluir cuando sus duraciones son múltiplos de siete días. Con respecto a la estado-dependencia, la probabilidad de cambios de precios se ve afectada por variaciones en el tipo de cambio nominal USD/MXN y en el consumo real en terminales punto de venta, así como por la pandemia de COVID-19. Complementando el análisis con precios recopilados en tiendas físicas, la duración de estos parece también ser determinada por características tiempo-dependientes y estado-dependientes.



Modelos de estudio de evento en panel: Una introducción al paquete xtevent que permite su estimación y visualización

Freyaldenhoven, Simon; Hansen, Christian B.; Pérez Pérez, Jorge; Shapiro, Jesse M.; Carreto, Constantino Banco de México, 2024-09

Descargalo en la siguiente liga:

DOI: https://doi.org/10.36095/banxico/di.2024.09

### Resumen:

Los modelos de panel lineal y los "gráficos de estudio de evento" que los acompañan son herramientas populares para estudiar los efectos de políticas. En este artículo presentamos el paquete "xtevent" para Stata, que permite construir gráficos de estudio de evento siguiendo las sugerencias de Freyaldenhoven et al. (por publicarse). El paquete implementa varios procedimientos para estimar los efectos de políticas que están detrás de los gráficos, y permite el uso de variables de política no binarias y estimación ajustando por tendencias previas.



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## Revistas y artículos

Presentamos para el mes de septiembre una selección de artículos sobre economía laboral y temas relacionados.



Palabras clave del artículo

Datos del artículo

Título: Economic growth and labor investment

efficiency

Autor: Singh, Amanjot

Revista: International Review of Finance

Editorial: Wiley Online Library Fecha: December, 2023

DOI: https://doi.org/10.1111/irfi.12415

#### Resumen:

We examine the relationship between economic growth and labor investment efficiency. Using a sample of US firms from 1991 to 2019, our findings suggest that labor investment inefficiency increases with the expansion of economic activities. Although economic growth increases labor over-investment, it also decreases labor underinvestment. The magnitude effect of economic growth is more pronounced for labor overinvestment. Labor investment inefficiency is noticeable during low economic policy uncertainty. Eco-nomic growth-induced labor investment inefficiency is pronounced for (1) large firms, (2) high labor intensity firms, and (3) firms with overinvestment in non-labor investments. Further, economic growth negatively (positively) influences the firm's future performance for labor overinvested (under-invested) firms. Our findings remain robust to alternative specifications.



Palabras clave del artículo

Datos del artículo

Título: Labor market regulation and gendered entrepreneurship: a cross-national perspective

Autor: Angulo-Guerrero, M.J., Bárcena-Martín, E.,

Medina-Claros, S.

**Revista: Small Business Economics** 

Editorial: Springer Link Fecha: May, 2023

DOI: https://doi.org/10.1007/s11187-023-00776-0

## Resumen:

This research examines the extent to which labor regulatory context matters for entrepreneurial activity under a gender perspective, using institutional economics and feminist theories as the analytical framework. We conduct a panel data analysis for 86 countries during the period 2004–2018 by differentiating between high-income and developing economies. Our findings highlight that while the links between labor regulation and entrepreneurial activity seem negligible in high-income economies, in developing economies labor flexibility is closely associated with female entrepreneurship. However, unlike the market-oriented view on the positive association between labor market flexibility and entrepreneurship, our results point out that in these economies more flexible labor regulation is related to lower early-stage female entrepreneurial activity, even though this relationship tends to vanish as the level of economic development of the country increases...



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Palabras clave del artículo

Datos del artículo:

Título: Labor share in transition economies: brief firm-

**level investigation** Autores: Petreski, M.

Revista: Applied Economics Letters

Editorial: Taylor & Francis

Fecha: May, 2022

DOI: https://doi.org/10.1080/13504851.2022.2083551

#### Resumen:

In this paper, we examine the role of the globalization factors for the labour share in transition economies. We rely on firm-level data from the Enterprise Surveys of the World Bank and EBRD. We base the analysis on the predictions of the classic trade and efficient bargaining models, which under globalization suggests that factors that work to increase or attenuate the bargaining power of workers, affect the share of income that goes in their hands. We find some role of globalization for labour share in transition economies. Labour productivity and the fixed cost of the capital to relocate contribute to increasing labour share, while the alternative returns of capital work in the opposite direction. Labour-related costs and alternative returns were found irrelevant. For transition economies, policies focused on labour productivity and on cooperation, instead of competition, in the policies to attract FDIs may improve the outcomes for workers and their incomes.



Palabras clave del artículo

Datos del artículo

Título: Optimal long-run money growth rate in a cashin-advance economy with labor-market frictions

Autor: Chen B-L, Liao S-Y, Liu D, Liu X. Revista: Macroeconomic Dynamics Editorial: Cambridge University Press

Fecha: September, 2022

DOI: https://doi:10.1017/S1365100522000426

#### Resumen:

We revisit the Friedman rule in a labor search model and extend Heer (2003), Cooley and Quadrini (2004), and Wang and Xie (2013) to one that allows for endogenous growth. We show that, even without a liquidity effect or a CIA constraint on firms' wage payment, our model offers a different channel for moderate money growth to increase welfare. Intuitively, in a one-sector endogenous growth economy, the technology is of constant returns with respect to capital. When the labor market is frictional, a moderate increase in money growth induces an expansion in vacancy and employment. Labor and capital are complements in production. With an increase in employment, when the technology is neoclassical, the decreasing return in capital leads to a lower marginal product of labor. However, in an endogenous growth framework wherein the technology exhibits socially constant returns in capital, the marginal product of labor is constant. Due to a constant marginal product of labor, modest inflation raises employment, enlarges economic growth, and increases welfare. Moreover, the optimal long-run inflation rate departs from the Friedman rule, even when the Hosios rule holds. Finally, we find that our model with sustainable growth fits the data better than that without sustainable growth.



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## Libros

#### **ECONOMÍA Y FINANZAS**

Default: the landmark court battle over Argentina's \$100 billion debt restructuring

Makoff, Gregory; Buchheit, Lee C. 2024 Liquid asset: how business and government can partner to solve the freshwater crisis

Randomistas: how radical researchers

Thompson, Barton H., Jr. 2023

One from the many: the global economy since 1850

Meissner, Christopher M., 2024

are changing our world
,

Leigh, Andrew. 2018

Visions of inequality: from the french revolution to the end of the cold war

Milanovic, Branko 2023 RECOMENDADAS

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## CIENCIAS DE LA COMPUTACIÓN

Codeless deep learning with KNIME: build, train, and deploy various deep neural network architectures using KNIME analytics platform

> Melcher, Kathrin; Silipo, Rosaria 2020

Intelligent systems: a modern approach

Grosan, Crina; Ajith, Abraham 2011

Spatial statistics illustrated

Bennett, Lauren; Vale, Flora 2023





#### **ECONOMÍA Y FINANZAS**

Si te encuentras trabajando a distancia utiliza un navegador fuera de Citrix para abrir el enlace.



Default: the landmark court battle over Argentina's \$100 billion debt restructuring

Makoff, Gregory; Buchheit, Lee C. Georgetown University Press, 2024

#### Resumen:

The dramatic inside story of the most important case in the history of sovereign debt law Unlike individuals or corporations that become insolvent, nations do not have access to bankruptcy protection from their creditors. When a country defaults on its debt, the international financial system is ill equipped to manage the crisis. Decisions by key individuals--from national leaders to those at the International Monetary Fund, from holdout creditors to judges--determine the fate of an entire national economy. A prime example is Argentina's 2001 default on \$100 billion in bonds, which stands out for its messy outcomes and outsized impact on sovereign debt markets, sovereign debt law, and IMF policy. Default is the riveting story of Argentina's sovereign debt drama, which reveals the obscure inner workings of sovereign debt restructuring. This detailed case study describes the intense fight over the role of the IMF in Argentina's 2005 debt restructuring and the ensuing bitter decade of litigation with holdout creditors, demonstrating that outcomes for sovereign debt are determined by a complex interplay between financial markets, governments, the IMF, the press, and the courts. This cautionary tale lays bare the institutional, political, and legal pressures that come into play when a country cannot repay its debts...



Liquid asset: how business and government can partner to solve the freshwater crisis

Thompson, Barton H., Jr. Stanford University Press, 2023.

#### Resumen:

Governments dominated water management throughout the twentieth century. Tasked with ensuring a public supply of clean, safe, reliable, and affordable water, governmental agencies controlled water administration in most of the world. They built the dams, reservoirs, and aqueducts that store water when available and move that water to areas with increasing populations and economies. Private businesses sometimes played a part in managing water, but typically in a supporting position as consultants or contractors. Today, given the global need for innovative new technologies, institutions, and financing to solve the freshwater crisis, private businesses and markets are playing a rapidly expanding role, bringing both new approaches and new challenges to a historically public field. In Liquid Asset, Barton H. Thompson, Jr. examines the growing position of the private sector in the "business of water." Thompson seeks to understand the private sector's involvement in meeting the water needs of both humans and the environment, looks at the potential risks that growing private involvement poses to the public interest in water, and considers the obstacles that private organizations face in trying to participate in a traditionally governmental sector. Thompson provides a richly detailed analysis to foster both improved public policy and responsible business behavior. As the book demonstrates, the story of private businesses and water offers a window into the serious challenges facing freshwater today, and their potential solutions.



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One from the many: the global economy since 1850 Meissner, Christopher M.
Oxford Academic, 2024

#### Resumen:

This book is a brief introduction to the economic history of the global economy and the process of globalization since 1850. Key indicators of globalization, also known as economic integration, are the ratios of trade to world production, the ratio of global foreign assets relative to world production, and the share of foreign-born in the population. This book tracks the evolution of these indicators over time. All indicators of globalization rose between 1850 and 1914, during the first wave of globalization. Between 1918 and 1939, the global economy stagnated, suffering a momentous collapse during the Great Depression of the 1930s. After World War II, the global economy remerged, and integration deepened. A long-run view suggests that the global economy generates economic benefits and raises welfare. Humans tend to prefer more globalization to less as revealed by the very long-run historical record. Of course, there are costs to globalization, and certain groups may lose in economic terms from globalization. Going forward, with an eye on the lessons from this long-run view, the global economy will almost surely survive, and integration will continue to grow. However, globalization can only survive if humanity continues to recognize its common interests and the adverse effects of greater integration are mitigated and minimized.



Randomistas: how radical researchers are changing our world

Leigh, Andrew.

Yale University Press, 2018.

#### Resumen:

A fascinating account of how radical researchers have used experiments to overturn conventional wisdom and shaped life as we know it Experiments have consistently been used in the hard sciences, but in recent decades social scientists have adopted the practice. Randomized trials have been used to design policies to increase educational attainment, lower crime rates, elevate employment rates, and improve living standards among the poor. This book tells the stories of radical researchers who have used experiments to overturn conventional wisdom. From finding the cure for scurvy to discovering what policies really improve literacy rates, Leigh shows how randomistas have shaped life as we know it. Written in a "Gladwell-esque" style, this book provides a fascinating account of key randomized control trial studies from across the globe and the challenges that randomistas have faced in getting their studies accepted and their findings implemented. In telling these stories, Leigh draws out key lessons learned and shows the most effective way to conduct these trials.

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Visions of inequality: from the french revolution to the end of the cold war

Milanovic, Branko Harvard University Press, 2023

#### Resumen:

"How do you see income distribution in your time, and how and why do you expect it to change?" That is the question Branko Milanovic imagines posing to six of history's most influential economists: François Quesnay, Adam Smith, David Ricardo, Karl Marx, Vilfredo Pareto, and Simon Kuznets. Probing their works in the context of their lives, he charts the evolution of thinking about inequality, showing just how much views have varied among ages and societies. Indeed, Milanovic argues, we cannot speak of "inequality" as a general concept: any analysis of it is inextricably linked to a particular time and place. Visions of Inequality takes us from Quesnay and the physiocrats, for whom social classes were prescribed by law, through the classic nineteenth-century treatises of Smith, Ricardo, and Marx, who saw class as a purely economic category driven by means of production. It shows how Pareto reconceived class as a matter of elites versus the rest of the population, while Kuznets saw inequality arising from the urban-rural divide. And it explains why inequality studies were eclipsed during the Cold War, before their remarkable resurgence as a central preoccupation in economics today. Branko Milanovic charts 200 years of the fascinating history of the discourse on inequality through portraits of six key economists, from Quesnay to Kuznets. In their work and lives, we see how differently each conceived of inequality, and how the subject, prominent in their times, was eclipsed during the Cold War and has become central once again.

#### CIENCIAS DE LA COMPUTACIÓN



Codeless deep learning with KNIME: build, train, and deploy various deep neural network architectures using KNIME analytics platform

Melcher, Kathrin; Silipo, Rosaria Packt Publishing, Limited, 2020.

#### Resumen:

Discover how to integrate KNIME Analytics Platform with deep learning libraries to implement artificial intelligence solutions Key Features Become well-versed with KNIME Analytics Platform to perform codeless deep learning Design and build deep learning workflows quickly and more easily using the KNIME GUI Discover different deployment options without using a single line of code with KNIME Analytics Platform Book Description KNIME Analytics Platform is an open source software used to create and design data science workflows. This book is a comprehensive guide to the KNIME GUI and KNIME deep learning integration, helping you build neural network models without writing any code. It'll guide you in building simple and complex neural networks through practical and creative solutions for solving real-world data problems. Starting with an introduction to KNIME Analytics Platform, you'll get an overview of simple feed-forward networks for solving simple classification problems on relatively small datasets. You'll then move on to build, train, test, and deploy more complex networks, such as autoencoders, recurrent neural networks (RNNs), long short-term memory (LSTM), and convolutional neural networks (CNNs). In each chapter, depending on the network and use case, you'll learn how to prepare data, encode incoming data, and apply best practices...



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SOBRE LA BIBLIOTECA DEL BANCO DE MÉXICO





Intelligent systems: a modern approach

**Grosan, Crina; Ajith, Abraham** Springer Berlin / Heidelberg, 2011

#### Resumen:

Computational intelligence is a well-established paradigm, where new theories with a sound biological understanding have been evolving. The current experimental systems have many of the characteristics of biological computers (brains in other words) and are beginning to be built to perform a variety of tasks that are difficult or impossible to do with conventional computers. As evident, the ultimate achievement in this field would be to mimic or exceed human cognitive capabilities including reasoning, recognition, creativity, emotions, understanding, learning and so on. This book comprising of 17 chapters offers a step-by-step introduction (in a chronological order) to the various modern computational intelligence tools used in practical problem solving. Staring with different search techniques including informed and uninformed search, heuristic search, minmax, alphabeta pruning methods, evolutionary algorithms and swarm intelligent techniques; the authors illustrate the design of knowledge-based systems and advanced expert systems, which incorporate uncertainty and fuzziness...



#### **Spatial statistics illustrated**

Bennett, Lauren; Vale, Flora Esri Press, 2023

#### Resumen:

Spatial statistics empowers you to go beyond visual analysis to answer questions confidently and make data-driven decisions. Thanks to the data and computational power now at our fingertips, data science is in every aspect of our lives. But with so many algorithms and buzzwords floating around, where do you start to solve complex problems or figure out where to go next? There has never been a more exciting time to learn about spatial statistics. Spatial statistics uses an aspect of geography that helps you quantify patterns and relationships so that you can feel confident in your analysis. Spatial Statistics Illustrated is an introductory book for learning the concepts behind the powerful spatial statistics tools in ArcGIS. With approachable explanations and uncomplicated drawings, Spatial Statistics Illustrated gives readers an accessible understanding of some of the most widely used spatial statistics methods, including how they work and when to use them. In a friendly, conversational tone, the authors share techniques that can help you explore your data in meaningful ways; quantify patterns and relationships; understand trends, and make informed, impactful decisions.

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# **Otros documentos publicados por Bancos Centrales**



Corporate reorganization and the reallocation of labor in bankruptcy

Bonfim, Diana; Nogueira, Gi

Frankfurt am Main, Germany: European Systemic Risk Board, 2024. 109 p.: il. -- (Working Paper Series; no. 2974).

Descárgalo aquí



What shapes spillovers from monetary policy shocks in the United States to emerging market economies?

Escayola, Erik Andres; McQuade, Peter; Schroeder, Christofer; Tirpák, Marcel

Frankfurt am Main, Germany: European Systemic Risk Board, 2024. 50 p.: il. -- (Working Paper Series; no. 2973).

Descárgalo aquí



Geopolitical risk shocks: when the size matters

Brignone, Davide; Gambetti, Luca; Ricci, Martino Frankfurt am Main, Germany: European Systemic Risk Board, 2024. 44 p.: il. -- (Working Paper Series; no. 2972).

Descárgalo aquí



Strike while the iron is hot: optimal monetary policy with a nonlinear phillips curve

Karadi, Peter; Nakov, Anton; Nuno, Galo; Pasten, Ernesto; Thaler, DominikBasel. Switzerland: Bank for International Settlements, 2024. – 78p. -- (Working Paper; no. 1203).

Descárgalo aquí



Are low interest rates firing back? Interest rate risk in the banking book and bank lending in a rising interest rate environment

Coulier, Lara; Pancaro, Cosimo Pancaro; Reghezza, Alessio Basel. Switzerland: Bank for International Settlements, 2024. – 82p. -- (Working Paper; no. 1202).

Descárgalo aquí



Financial inclusion transitions in Peru: does labor informality play a role?

Aurazo, Jose; Gasmi, Farid

Basel. Switzerland: Bank for International Settlements, 2024. –

26p.: il. -- (Working Paper; no. 1200).

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