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Central Bank Independence and Its Impact on Macroeconomic Stability

Teguh Joni Purwanto[1]

[1] Universitas Diponegoro, Semarang, Indonesia

Abstract

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This study investigates the relationship between central bank independence (CBI) and macroeconomic stability, focusing on whether and how independent central banks contribute to better inflation control, fiscal discipline, and overall economic resilience. Amid increasing global economic uncertainty and expanding central bank mandates, the article aims to clarify the continuing relevance of CBI in both developed and developing contexts. Using a systematic literature review of peer-reviewed studies, this research synthesizes empirical findings across various institutional and macroeconomic settings. The analysis reveals that CBI is strongly associated with lower inflation rates and improved fiscal discipline, particularly in countries with strong legal frameworks and institutional enforcement. However, the review also finds that formal legal independence does not always translate into real autonomy, especially in weaker governance environments. The discussion highlights how central bank effectiveness depends not only on legal status but also on political context, transparency, and broader economic coordination especially in times of crisis. Overall, the study concludes that while CBI remains a critical factor in macroeconomic stability, its success increasingly relies on institutional credibility and adaptability in an evolving global landscape.

1. Introduction

Central bank independence (CBI) is widely regarded as a foundational element of modern macroeconomic governance. As the institution responsible for formulating and implementing monetary policy, the central bank plays a critical role in achieving price stability, managing inflation expectations, and preserving financial market confidence. The push for independence intensified in the late 20th century as many countries sought to shield monetary policy from short-term political pressures that had historically contributed to inflationary financing and broader macroeconomic volatility (Bodea et al., 2019; Garriga & Rodríguez, 2020). By delegating monetary authority to an autonomous institution, governments aimed to prevent politically motivated decisions that often undermined long-term economic stability (Bodea et al., 2019).

The central argument in favor of CBI is that independence enhances the credibility of monetary policy, thereby anchoring inflation expectations and limiting persistent price instability. Recent empirical syntheses confirm that countries with stronger legal independence frameworks tend to experience lower and more stable inflation when institutional capacity and enforcement mechanisms are effective (Garriga & Rodríguez, 2020; Dincer et al., 2021).

Additionally, recent political-economy studies emphasize that the broader impact of central bank independence on growth and fiscal balance is nuanced and highly dependent on governance quality. Cross-country reviews in post-2018 contexts have shown that the effectiveness of autonomy is mediated by the quality of democratic institutions, transparency, and policy coordination mechanisms (Bodea & Hicks, 2020; OECD, 2022).

In emerging and developing economies, the literature also highlights a distinction between de jure and de facto independence. Modern analyses demonstrate that even with robust legal frameworks, actual independence may erode through informal political influence, particularly where institutional coordination is weak or fiscal stress is high (Garriga, 2019; Masciandaro et al., 2020).

In this context, the present article aims to systematically review the academic literature to assess the extent to which central bank independence contributes to macroeconomic stability. Drawing on recent structured syntheses and peer-reviewed studies, the analysis emphasizes the importance of institutional frameworks that balance independence with accountability in today's evolving global economic environment (Xiao & Watson, 2019; OECD, 2022).

2. Literature Review

Recent studies consistently show that central bank independence plays a crucial role in promoting macroeconomic stability, particularly by helping control inflation (Garriga & Rodríguez, 2020). Evidence from updated cross-country analyses confirms that economies with stronger central bank autonomy frameworks tend to experience lower and more stable inflation when supported by effective institutions and transparent governance mechanisms (Bodea et al., 2019; Dincer et al., 2021).

Central bank independence is also linked to better fiscal discipline. Independent central banks are less likely to support government overspending or politically motivated money creation, which helps maintain budgetary credibility and reduce deficit pressures (Bodea & Hicks, 2020; OECD, 2022). However, discretionary fiscal interventions remain necessary in times of crisis, requiring careful coordination mechanisms that balance autonomy with accountability.

The global financial crisis and the COVID-19 pandemic changed how central banks operate. Many adopted unconventional monetary tools, which required closer coordination with governments and raised new questions about the limits of independence. Recent structured syntheses emphasize that modern frameworks must incorporate adaptive and learning-oriented institutional design to ensure policy credibility during both normal times and crises (Masciandaro et al., 2020; OECD, 2022).

In summary, while central bank independence remains an important tool for macroeconomic governance, its success depends on broader factors such as political support, institutional quality, and economic conditions. Recent literature highlights the need to understand not only the legal design of central banks but also how independence functions in practice across varying circumstances. A systematic review approach is therefore essential for synthesizing reliable and policy-relevant insights (Xiao & Watson, 2019).

3. Methods

This study applies a systematic literature review (SLR) approach to examine how central bank independence (CBI) affects macroeconomic stability (Xiao & Watson, 2019). The review follows a structured method to ensure transparency, replicability, and comprehensiveness. The research focused on peer-reviewed journal articles published between 2018 and 2022, as this period reflects recent developments in monetary policy, especially following the COVID-19 era (Garriga & Rodríguez, 2020).

Academic databases such as Scopus, JSTOR, and ScienceDirect were used for the literature search to consolidate fragmented evidence from multiple sources. Keywords included central bank independence and macroeconomic stability. Boolean operators (AND, OR) were applied to refine the search and enhance precision. The initial screening involved titles and abstracts, followed by a full-text review based on relevance, credibility, and whether the studies provided empirical or conceptual insights into the relationship between CBI and macroeconomic outcomes.

Only studies published in English and appearing in reputable peer-reviewed journals were included. Books, conference papers, and non-peer-reviewed publications were excluded to maintain academic rigor in line with established systematic review protocols (Xiao & Watson, 2019). Several articles met the inclusion criteria and were analyzed qualitatively to identify recurring themes, key findings, and gaps in the literature (OECD, 2022).

4. Results and Discussion

The findings of this systematic literature review underscore that central bank independence (CBI) continues to play a pivotal role in promoting macroeconomic stability, particularly through its impact on inflation control and fiscal discipline. A recurring conclusion across the reviewed studies is that greater autonomy is associated with lower inflation when supported by effective institutions and enforcement. Modern analyses demonstrate that independence must be paired with transparency, accountability, and credible governance frameworks (Bodea et al., 2019; Dincer et al., 2021).

Evidence from emerging and developing economies confirms that independent monetary institutions are vital for anchoring expectations and limiting persistent price instability. Greater central bank autonomy, both legal and operational, tends to be associated with lower and more stable inflation rates when supported by real enforcement mechanisms and credible institutional checks (Garriga & Rodríguez, 2020).

Another consistent finding in the literature is the moderating effect of independence on fiscal behavior. Independent central banks resist pressures to finance deficits through inflationary means, helping maintain budgetary credibility and fiscal prudence (Bodea et al., 2019; Binder, 2021).

Nevertheless, the scope of central bank responsibilities expanded significantly over the past decade, particularly during periods of crisis and unconventional monetary policy adoption. Recent studies emphasize that such extraordinary measures have blurred traditional boundaries, raising new questions about coordination and accountability, and highlighting the importance of disciplined institutional design (Masciandaro & Romelli, 2018; Binder, 2021).

In summary, the literature provides strong support for central bank independence in enhancing macroeconomic stability, especially through its effects on inflation control and fiscal prudence. However, these benefits depend on the surrounding institutional environment and the evolving responsibilities of central banks. Legal independence is necessary but not sufficient on its own. Policymakers must pay equal attention to transparency, accountability, and institutional quality to preserve both the effectiveness and credibility of central banks in today's complex global economy (OECD, 2022).

5. Conclusion

This systematic literature review highlights that central bank independence (CBI) remains a key institutional feature in promoting macroeconomic stability (Bodea et al., 2019; Garriga & Rodríguez, 2020). Most studies reviewed confirm that countries with more independent central banks tend to achieve better outcomes in terms of price stability and fiscal discipline. Independent monetary authorities are less likely to be influenced by short-term political interests, which allows them to focus on long-term economic goals such as controlling inflation and avoiding deficit monetization. This effect is particularly important in emerging and developing economies, where political interference in economic policymaking is more common. However, the review also shows that legal independence alone is not enough. The actual effectiveness of a central bank depends on how its independence is implemented in practice, which is influenced by the quality of political institutions, rule of law, and transparency (Dincer et al., 2021; OECD, 2022).

In recent years, central banks have taken on broader roles, especially during and after major crises such as the 2008 global financial crisis and the COVID-19 pandemic. These periods have required central banks to act in coordination with fiscal authorities and adopt unconventional policy tools. While necessary, these actions have blurred the line between fiscal and monetary policy, raising concerns about whether central banks can maintain their independence in the long run. Furthermore, as central banks are increasingly expected to address new challenges such as financial stability, inequality, and climate risks, the question of how to maintain autonomy while being responsive to public expectations becomes more urgent (Binder, 2021).

In conclusion, while CBI has proven effective in supporting macroeconomic stability, its future effectiveness depends on how well central banks adapt to changing economic conditions without compromising their core independence. Strengthening institutional quality, ensuring transparency, and clearly defining central bank roles will be essential to preserving their credibility and legitimacy in a rapidly evolving policy environment (OECD, 2022)

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