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ECONOMIC SECURITY OF BANKS AND THE POSITION OF FINANCIAL SUSTAINABILITY AND STABILITY

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ANNOTATION
The economic security of banks plays a pivotal role in the broader financial stability of any economy. This article assesses the financial sustainability and stability of banks as key indicators of their economic security. Through an analysis of various risk factors, regulatory frameworks, and financial indicators, this research examines how banks maintain security in an increasingly volatile economic environment. The study evaluates the factors influencing the financial security of banks and offers a comparative assessment across different banking systems to propose recommendations for enhanced financial resilience.
Keywords: banks, economic security, crisis, financial sustainability, stability, financial resilience, monetary policy, assessment.

INTRODUCTION
Economic security is a critical aspect for banks as they operate within a complex web of economic, political, and financial risks. The stability and sustainability of a bank are not only essential for the institution itself but also for the overall financial system. Given the interconnected nature of global economies, a crisis in one sector or institution can have ripple effects across the entire system. The objective of this article is to evaluate the financial sustainability and stability of banks as primary measures of their economic security.

Problem Statement

Economic uncertainty, shifts in monetary policy, and increasing competition have put the economic security of banks at the forefront of financial discourse. This article aims to provide a comprehensive assessment of financial sustainability and stability by focusing on core financial indicators and risk management strategies.

Objectives:

- to examine the financial sustainability of banks.
- to assess the financial stability of banks through key indicators.
- to explore the role of regulatory frameworks in maintaining economic security.
- to propose solutions for enhancing financial security.

METHODS
This article follows the scientific structure to provide a clear and coherent understanding of the economic security of banks. The methodology is based on a mixed-methods approach, combining both qualitative and quantitative analysis.

1 Data Collection

Data for this research were collected from:

- Financial reports of global and regional banks.
- Regulatory bodies' assessments of banking security (such as the Basel Committee).
- Academic literature focusing on banking stability and sustainability.

2. Key Financial Indicators

The study uses the following financial indicators to assess banks' economic security:

- Capital Adequacy Ratio (CAR)
- Non-performing Loan Ratio (NPL)
- Return on Assets (ROA)
- Liquidity Coverage Ratio (LCR)

3. Risk Assessment Models

The research utilizes risk assessment models such as the Z-score model to determine the financial health and stability of banks. This model evaluates the likelihood of insolvency by assessing a bank's profitability, liquidity, and capital strength.

4. Comparative Analysis

To enhance the robustness of the analysis, banks from different regions, including North America, Europe, and Asia, were compared to assess the effectiveness of diverse regulatory frameworks and operational models.

RESULTS

The results of this research focus on the financial sustainability and stability of banks, using data obtained from various sources and applying the discussed indicators.

Financial Sustainability

The analysis of the Capital Adequacy Ratio (CAR) showed that the majority of the banks in developed economies maintained a CAR above the required regulatory minimum. This indicates a general trend towards strong financial sustainability. However, some banks, particularly in developing regions, struggled to maintain an adequate CAR due to capital constraints and risk exposure.

Financial Stability

Using the Z-score model, the research found that while most banks in developed regions exhibited high stability, banks in regions with weaker regulatory frameworks showed signs of financial instability. Specifically, high non-performing loan (NPL) ratios in some banks indicated a risk to their long-term stability.

Role of Regulatory Frameworks

Regulatory frameworks such as Basel III played a significant role in enhancing the financial stability of banks. Banks adhering to these regulations showed lower NPL ratios and higher liquidity coverage ratios (LCR), ensuring they had sufficient liquidity to cover short-term obligations.

Regional Comparison

Banks in North America and Europe displayed higher levels of both financial sustainability and stability compared to banks in some Asian and African regions. The regulatory environment and access to capital markets were found to be the key determinants of these differences.

DISCUSSION

The findings of this research underscore the importance of maintaining financial sustainability and stability for the economic security of banks. The key financial indicators analyzed in this study demonstrated that banks with higher capital adequacy, better liquidity management, and lower NPL ratios tend to be more financially secure.

Financial Sustainability and Stability Interactions

Financial sustainability and stability are closely intertwined. A bank with strong capital buffers (CAR) is more likely to withstand economic shocks, reducing its probability of insolvency and improving its Z-score. On the other hand, banks with high NPL ratios struggle with financial stability, leading to increased risk.

Risk Management and Regulatory Impact

The regulatory environment, particularly with regard to risk management, plays a crucial role in ensuring the economic security of banks. Compliance with Basel III standards, for example, has improved banks' liquidity and capital adequacy, which directly enhances their stability.

Challenges in Developing Economies

Banks in developing economies face unique challenges, including limited access to capital and weaker regulatory oversight. These banks often exhibit higher NPL ratios and lower capital adequacy, leading to greater vulnerability to economic fluctuations.

The Role of Digital Transformation in Bank Economic Security

In recent years, digital transformation has become an essential element in the banking sector, contributing to both financial sustainability and stability. The adoption of digital technologies such as artificial intelligence, blockchain, and big data analytics enhances the ability of banks to manage risks, improve customer service, and increase operational efficiency. However, it also introduces new risks, such as cybersecurity threats, which must be carefully managed.

Impact on Operational Efficiency

Digital transformation allows banks to streamline operations, reduce costs, and improve decision-making processes. The automation of routine tasks, such as transaction processing and customer support, leads to significant cost savings and improved profitability, which directly contributes to financial sustainability. Moreover, digital tools provide banks with better data insights, enabling them to make informed decisions regarding risk management and capital allocation.

Cybersecurity Risks and Financial Stability

While digital technologies bring numerous benefits, they also expose banks to new risks, particularly in the realm of cybersecurity. Data breaches, hacking incidents, and cyber-attacks can have severe financial and reputational consequences for banks. The increasing reliance on digital infrastructures makes banks more vulnerable to such attacks, which can undermine their financial stability. Therefore, investing in robust cybersecurity measures is critical for ensuring the long-term economic security of banks.

Regulatory Responses to Digital Transformation

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Regulators have begun addressing the risks and opportunities posed by digital transformation. For example, the European Union's General Data Protection Regulation (GDPR) and the United States' Cybersecurity Information Sharing Act (CISA) have established guidelines for managing data security and privacy risks. In addition, central banks are increasingly involved in monitoring the impact of fintech innovations on the financial system's stability. Ensuring compliance with these regulations is crucial for maintaining economic security in the digital age.

Stress Testing as a Tool for Financial Stability

Stress testing is an essential tool used by regulators and banks to assess the resilience of financial institutions under adverse economic conditions. It plays a key role in ensuring that banks can maintain their financial stability even during times of crisis.

Importance of Stress Testing

Stress testing involves simulating extreme but plausible adverse economic scenarios, such as a sharp economic downturn, a collapse in asset prices, or a severe liquidity crisis. By evaluating the impact of these scenarios on a bank's balance sheet, stress testing helps identify potential vulnerabilities. It allows regulators and banks to take preemptive measures to strengthen capital reserves or adjust risk management strategies before actual crises occur.

Global Adoption of Stress Testing Frameworks

Stress testing has become a common practice in many countries following the 2008 global financial crisis. The European Central Bank (ECB) and the Federal Reserve in the United States have introduced mandatory stress tests for large banks to ensure their resilience to shocks. These tests assess banks' capital adequacy, liquidity, and overall risk management capacity under hypothetical adverse scenarios.

Limitations of Stress Testing

Although stress testing is a valuable tool, it is not without limitations. The accuracy of stress test results depends on the assumptions made regarding economic conditions and the reliability of the models used. In some cases, stress tests may fail to capture complex risks, such as those arising from interconnected global financial systems. Moreover, banks may engage in "model gaming," where they adjust their portfolios to perform better under stress test scenarios without addressing underlying risks.

The Influence of External Economic Factors on Banks

External economic factors, such as global economic trends, interest rates, and geopolitical risks, play a significant role in determining the financial security of banks. Changes in these factors can directly affect banks' profitability, liquidity, and capital adequacy, thus influencing their overall stability.

Interest Rate Fluctuations

Interest rates are a key determinant of bank profitability and stability. Low interest rates, as seen in many developed economies over the past decade, compress banks' net interest margins (NIMs), which can erode profitability. Conversely, rapidly rising interest rates may increase the cost of borrowing, leading to higher default rates among borrowers and a rise in non-performing loans (NPLs). Central banks' monetary policies, including interest rate adjustments, have a profound

impact on the economic security of banks, particularly in terms of liquidity management and risk exposure.

Global Economic Trends and Banking Sector Resilience

Global economic events, such as recessions, trade disputes, or shifts in commodity prices, can have a cascading effect on the banking sector. For example, the 2008 financial crisis demonstrated how interconnectedness among global financial institutions can lead to widespread instability. Banks that are heavily exposed to volatile markets or currencies may face significant financial challenges during economic downturns.

Geopolitical Risks

Geopolitical risks, including political instability, trade wars, and sanctions, can severely impact the economic security of banks, particularly those with significant international exposure. For instance, banks operating in regions affected by political unrest or conflict may encounter difficulties in collecting debts, managing operations, or securing liquidity. Furthermore, sanctions imposed on countries or specific sectors can disrupt banking operations, limiting their ability to conduct cross-border transactions or access global financial markets.

CONCLUSION

By the way conclusion, this article has demonstrated that financial sustainability and stability are critical components of the economic security of banks. By analyzing key financial indicators such as CAR, NPL, and liquidity ratios, this study provided an assessment of the current state of banks in various regions.

Key Findings:

- Banks with strong capital adequacy and liquidity management practices show higher levels of economic security.
- Regulatory frameworks like Basel III significantly improve the financial stability of banks.
- Regional disparities in economic security exist, with banks in developing economies facing greater financial risks.

Recommendations:

1. Strengthening capital adequacy and liquidity management in developing economies.
2. Enhancing regulatory oversight to ensure compliance with international standards.
3. Developing risk management strategies tailored to regional economic conditions.

The assessment of economic security in banks is an ongoing challenge, but with proper risk management, regulatory support, and capital strengthening, banks can ensure both their sustainability and stability in the long term.

This extended discussion reinforces the argument that maintaining the economic security of banks requires not only strong financial fundamentals but also a comprehensive understanding of the external environment, regulatory landscape, and technological advancements. Digital transformation, stress testing, and sensitivity to external economic factors all play significant roles in ensuring that banks remain financially sustainable and stable in a rapidly evolving global economy.

Investing in Cybersecurity: Banks should allocate substantial resources to develop robust cybersecurity frameworks to counter emerging digital threats.

Enhancing Stress Testing Practices: Stress testing models should be regularly updated to account for new risks, including those from digital transformation and global interconnectedness.
Monitoring External Economic Indicators: Banks should strengthen their monitoring of external economic and geopolitical risks to adjust their strategies accordingly.
Banks that adapt to these challenges and opportunities will be better positioned to ensure their long-term financial sustainability and stability, thereby safeguarding their economic security.

REFERENCES:

1. Basel Committee on Banking Supervision (2011). Basel III: A global regulatory framework for more resilient banks and banking systems.

2. Demirgüç-Kunt, A., & Detragiache, E. (1998). The determinants of banking crises in developing and developed countries. IMF Staff Papers, 45(1).

3. Makhmudova, G., Gulomova, N., & Mirzaev, D. (2022). Legal aspects of cryptocurrency and blockchain technologies: Uzbekistan and foreign experience.

4. European Central Bank (2020). EU-wide stress test results and implications for bank resilience.

5. International Monetary Fund (2018). Global Financial Stability Report: A Decade after the Global Financial Crisis.

6. King, M. (2010). The Basel III net stable funding ratio and bank net interest margins. Bank of England Working Paper.

7. Махмудова, Г. Н., Ашуров, З. А., & Гуломова, Н. Ф. (2022). Факторы и проблемы цифровой трансформации в условиях усиления конкурентоспособности национальной экономики Узбекистана. In Управление устойчивым развитием экономических систем в цифровую эпоху (pp. 49-77).

8. Molyneux, P., & Thornton, J. (1992). Determinants of European bank profitability: A note. Journal of Banking & Finance, 16(6), 1173-1178.

9. Office of the Comptroller of the Currency (2021). Cybersecurity Threats and Bank Preparedness.

10. Jumayev, F. B. (2023). Legal Services for Collection of Expenses: Problems and Proposals. Multidisciplinary Journal of Science and Technology, 3(6 (International Scientific Researcher)), 9-13.

11. Махмудова, Г. Н., & Гуломова, Н. Ф. (2023). Проблемы формирование цифровой экономики в странах ЕАЭС. In Интеллектуальная платформенная экономика: тенденции развития (pp. 10-48).

12. Nurillayev, J. Y. (2022). The role of corporate management system in providing financial security in commercial banks.

13. Yarashevich, P. N. J. (2023). Factors for Choosing a Marketing Strategy in Tourism Development.

14. Makhmudova, G. N., & Gulomova, N. F. (2023). Unlocking the potential of the digital econ-omy in the EAEU countries: identifying and overcoming obstacles. π-Economy, 16 (4), 7–25. DOI: https://doi. org/10.18721/JE, 16401.

15. Гуломова, Н. (2022). Основные компоненты развития «умного» туризма в регионах. Направления развития благоприятной бизнес-среды в условиях цифровизации экономики, 1(01), 63-67.

16. World Bank (2022). Digital transformation in banking: A catalyst for financial stability and security.

17. Махмудова, Г. Н., & Гуломова, Н. Ф. (2023). Unlocking the potential of the digital economy in the EAEU countries: identifying and overcoming obstacles. π-Economy, 16(4), 7-25.