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CORRUPTION AND ECONOMIC GROWTH IN NORTH AFRICA AND THE MIDDLE EAST: A CROSS-COUNTRY ANALYSIS

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ABSTRACT

Purpose: This article examines the impact of corruption on economic growth in North African and Middle Eastern countries. It aims to uncover the extent to which corruption influences economic performance and to provide policy recommendations for mitigating these effects.

Methodology: A comprehensive literature review was conducted, analyzing existing studies on corruption and economic growth in the specified regions. Empirical data from various sources were used to perform a quantitative analysis, employing econometric models to identify correlations and causations.

Results: The findings indicate a significant negative relationship between corruption and economic growth. High levels of corruption are found to stifle investment, reduce government efficiency, and deter foreign direct investment, thereby hampering economic development. The results highlight that countries with lower corruption levels tend to exhibit higher economic growth rates.

Practical Implications: The study suggests several practical measures for policymakers, including strengthening anti-corruption laws, improving transparency and accountability in government operations, and fostering a culture of integrity within public and private sectors. The recommendations aim to create an environment conducive to sustainable economic growth.

Originality/Value: This article contributes to the existing literature by providing a detailed analysis of the North African and Middle Eastern regions, which have been relatively under-researched in this context. The study's unique focus on these regions offers valuable insights and tailored recommendations for combating corruption and promoting economic growth.

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CORRUPÇÃO E CRESCIMENTO ECONÓMICO NO NORTE DE ÁFRICA E NO ORIENTE MÉDIO: UMA ANÁLISE TRANSVERSAL

RESUMO

Objetivo: Este artigo examina o impacto da corrupção no crescimento económico nos países do Norte de África e do Médio Oriente. Pretende descobrir até que ponto a corrupção influencia o desempenho económico e fornecer recomendações políticas para mitigar esses efeitos

Metodologia: Foi realizada uma revisão abrangente da literatura, analisando estudos existentes sobre corrupção e crescimento económico nas regiões especificadas. Dados empíricos de diversas fontes foram utilizados para realizar uma análise quantitativa, empregando modelos econométricos para identificar correlações e causas.

Resultados: As conclusões indicam uma relação negativa significativa entre a corrupção e o crescimento económico. Descobriu-se que elevados níveis de corrupção reprimem o investimento, reduzem a eficiência do governo e dissuadem o investimento directo estrangeiro, prejudicando assim o desenvolvimento económico. Os

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resultados destacam que os países com níveis de corrupção mais baixos tendem a apresentar taxas de crescimento económico mais elevadas.
Implicações Práticas: O estudo sugere diversas medidas práticas para os decisores políticos, incluindo o reforço das leis anticorrupção, a melhoria da transparência e da responsabilização nas operações governamentais e a promoção de uma cultura de integridade nos sectores público e privado. As recomendações visam criar um ambiente propício ao crescimento económico sustentável.
Originalidade/Valor: Este artigo contribui para a literatura existente, fornecendo uma análise detalhada das regiões do Norte de África e do Médio Oriente, que têm sido relativamente pouco investigadas neste contexto. O foco único do estudo nestas regiões oferece informações valiosas e recomendações personalizadas para combater a corrupção e promover o crescimento económico.

Palavras-chave: Corrupção, Crescimento Económico, Norte de África, Médio Oriente, Qualidade Institucional.

CORRUPCIÓN Y CRECIMIENTO ECONÓMICO EN EL NORTE DE ÁFRICA Y MEDIO ORIENTE: UN ANÁLISIS TRANSPARENTE

RESUMEN
Propósito: Este artículo examina el impacto de la corrupción en el crecimiento económico en los países del norte de África y Oriente Medio. Su objetivo es descubrir hasta qué punto la corrupción influye en el desempeño económico y proporcionar recomendaciones de políticas para mitigar estos efectos.
Metodología: Se realizó una revisión exhaustiva de la literatura, analizando los estudios existentes sobre corrupción y crecimiento económico en las regiones especificadas. Se utilizaron datos empíricos de diversas fuentes para realizar un análisis cuantitativo, empleando modelos econométricos para identificar correlaciones y causalidades.
Resultados: Los hallazgos indican una relación negativa significativa entre la corrupción y el crecimiento económico. Se ha descubierto que los altos niveles de corrupción sofocan la inversión, reducen la eficiencia del gobierno y disuaden la inversión extranjera directa, obstaculizando así el desarrollo económico. Los resultados resaltan que los países con niveles más bajos de corrupción tienden a exhibir tasas de crecimiento económico más altas.
Implicaciones Prácticas: El estudio sugiere varias medidas prácticas para los responsables de la formulación de políticas, incluido el fortalecimiento de las leyes anticorrupción, la mejora de la transparencia y la rendición de cuentas en las operaciones gubernamentales y el fomento de una cultura de integridad dentro de los sectores público y privado. Las recomendaciones tienen como objetivo crear un entorno propicio para el crecimiento económico sostenible.
Originalidad/Valor: Este artículo contribuye a la literatura existente al proporcionar un análisis detallado de las regiones del Norte de África y Medio Oriente, que han sido relativamente poco investigadas en este contexto. El enfoque único del estudio en estas regiones ofrece información valiosa y recomendaciones personalizadas para combatir la corrupción y promover el crecimiento económico.

Palabras clave: Corrupción, Crecimiento Económico, Norte de África, Medio Oriente, Calidad Institucional.

1 INTRODUCTION

Corruption remains a pervasive and critical challenge that affects economies worldwide, posing significant barriers to sustainable economic growth and development. Understanding the relationship between corruption and economic growth is particularly important as it provides insights into how governance quality can influence economic performance. Corruption can distort markets, undermine institutions, deter investment, and reduce the efficiency of public spending. By studying this relationship, policymakers and scholars can develop strategies to mitigate the adverse effects of corruption and promote more equitable and robust economic development.

The North African and Middle Eastern (MENA) region is characterized by its diverse economic and political landscapes. Economically, the region includes both resource-rich countries, such as Saudi Arabia and Libya, which rely heavily on oil exports, and resource-poor countries, such as Jordan and Morocco, which have more diversified economies. Politically, the region encompasses a range of governance structures, from monarchies and authoritarian regimes to emerging democracies. These diverse contexts provide a unique opportunity to study the impact of corruption across different economic systems and institutional frameworks. Historically, many countries in the MENA region have faced significant challenges related to governance, including high levels of corruption, political instability, and varying degrees of institutional quality. These factors have profound implications for economic development and growth.

This study aims to explore the relationship between corruption and economic growth in North African and Middle Eastern countries. Specifically, it seeks to address the following research questions:

1. what is the impact of corruption on economic growth in the MENA region?
2. how do different levels of institutional quality influence this relationship?
3. are there significant variations in the impact of corruption on economic growth across different countries within the region?

The primary objectives of this study are to provide empirical evidence on the nature and extent of the relationship between corruption and economic growth in the MENA region, to identify the role of institutional quality in moderating this relationship, and to offer policy recommendations for mitigating the adverse effects of corruption to foster economic development. By addressing these questions and objectives, this research contributes to the broader understanding of how governance issues impact economic outcomes and provides valuable insights for policymakers aiming to enhance economic growth in the region.

1.1 LITERATURE REVIEW

Existing research on the relationship between corruption and economic growth presents mixed findings. Mauro (1995) found that corruption negatively impacts growth by reducing investment, while Meon and Weill (2010) suggested that in some cases, corruption might have a mitigating effect in highly regulated economies. In the context of North Africa and the Middle East, studies such as those by Elbahnasawy and Revier (2012) indicate that corruption is a significant barrier to economic progress. However, there is a paucity of research focusing specifically on this region, necessitating further investigation.

1.2 METHODOLOGY

The study uses a panel dataset of North African and Middle Eastern countries from 2000 to 2020, sourced from Transparency International, the World Bank, and national statistics offices. The primary econometric model employed is a fixed-effects regression analysis, which controls for unobserved heterogeneity across countries. Key variables include GDP growth rate (dependent variable), Corruption Perceptions Index (independent variable), and control variables such as investment, education, and political stability.

The regression results indicate a statistically significant negative relationship between corruption and economic growth, suggesting that higher levels of corruption are associated with lower economic growth rates. This finding is consistent across different model specifications and robustness checks. The analysis also reveals that the impact of corruption varies across countries, with more severe effects observed in countries with weaker institutional frameworks.

While numerous studies have examined the relationship between corruption and economic growth, there are several gaps in the existing literature that this study aims to address:

Regional Specificity: Much of the existing research on corruption and economic growth focuses on a global or regional context, often neglecting the unique socio-economic and political characteristics of the MENA region. This study aims to provide a more nuanced understanding by focusing specifically on North African and Middle Eastern countries.

Institutional Quality: There is a lack of comprehensive analysis on how varying levels of institutional quality within the MENA region influence the relationship between corruption and economic growth. This study will explore this dimension by examining the role of institutional frameworks in moderating the impact of corruption.

Comparative Analysis: Existing studies often treat countries within a region as a homogeneous group, overlooking significant intra-regional differences. This research will conduct a cross-country comparative analysis to highlight the variations in how corruption affects economic growth across different MENA countries.

Longitudinal Data: Many studies use cross-sectional data, which may not capture the dynamic nature of the relationship between corruption and economic growth over time. This study will utilize panel data from 2000 to 2020 to provide a longitudinal perspective on this relationship.

Policy Implications: There is a need for more targeted policy recommendations that consider the specific contexts of MENA countries. This study aims to bridge this gap by offering policy insights that are tailored to the unique economic and political landscapes of the region.

By addressing these gaps, this research aims to contribute to a deeper understanding of the complexities surrounding corruption and economic growth in North African and Middle Eastern countries and to provide actionable insights for policymakers and scholars.

1.3 STRENGTHENING INSTITUTIONAL FRAMEWORKS

Enhancing the capacity and independence of anti-corruption agencies (ACAs) is essential for effectively combating corruption, particularly in regions with systemic corruption. ACAs play a crucial role in enforcing anti-corruption laws, promoting transparency, and fostering a culture of integrity. Their capacity and independence are influenced by several factors, including human resources, financial resources, technical capacity, and operational autonomy (Recanatini, 2011; Heilbrunn, 2004). Skilled personnel and continuous training are vital for conducting thorough investigations and prosecutions (Recanatini, 2011; Heilbrunn, 2004). Adequate funding ensures that ACAs have the necessary tools and resources to perform their duties effectively (Doig et al., 2005). Access to modern investigative tools, such as forensic accounting and digital forensics, enhances the agency's ability to detect complex corruption schemes (Quah, 2008). Operational autonomy allows ACAs to make independent decisions without political interference, which is crucial for their effectiveness (Meagher, 2005).

The independence of ACAs is equally important and involves freedom from political and external pressures. An independent legal mandate, often enshrined in the constitution or legislation, provides a strong foundation for ACAs (Rose-Ackerman, 1999). Transparent and merit-based processes for appointing and removing ACA heads, along with secure tenure, protect them from political retaliation (Mungiu-Pippidi, 2010). Budgetary independence ensures that ACAs have control over their budget allocations, preventing financial manipulation by political actors (Johnston, 2005). Operational independence includes the power to initiate investigations and pursue cases based on evidence rather than political considerations (Pope, 2000).

However, several challenges impede the capacity and independence of ACAs, including political interference, resource constraints, legal and institutional barriers, and public perception (Sampson, 2010; Hussmann, 2007; Doig & Riley, 1998; Persson et al., 2013). To overcome these challenges, the literature identifies best practices such as strengthening legal mandates, ensuring financial stability, building human capital, promoting transparency and accountability, and fostering international cooperation (Heilbrunn, 2004; Johnston, 2005; Recanatini, 2011; Quah, 2008; Pope, 2000). By addressing these factors, ACAs can be empowered to combat corruption more effectively and contribute to sustainable economic growth.

2 ESTABLISHING ROBUST SYSTEMS FOR MONITORING AND REPORTING CORRUPTION

Effective monitoring and reporting systems are critical components in the fight against corruption. These systems enhance transparency, accountability, and integrity within public institutions. This literature review examines the existing research on the importance and implementation of robust monitoring and reporting systems, focusing on transparent public procurement processes and financial disclosures for public officials.

2.1 MONITORING AND REPORTING CORRUPTION

Monitoring and reporting systems serve as the backbone of anti-corruption strategies. They help in detecting, preventing, and deterring corrupt practices. Effective systems are characterized by transparency, accountability, and the ability to provide timely and accurate information.

Transparent Public Procurement Processes: Public procurement is a major area where corruption can thrive due to the large sums of money involved. Establishing transparent procurement processes is crucial for reducing corruption risks. Research highlights the importance of clear and open procurement procedures, competitive bidding, and public access to procurement information (Thai, 2001; Søreide, 2002). Transparent public procurement processes are critical in mitigating corruption risks, given the substantial financial stakes involved. Research underscores the necessity of clear and open procurement procedures, competitive bidding practices, and public accessibility to procurement information. Clear procedures ensure fairness and accountability in awarding contracts, while competitive bidding fosters a competitive marketplace that discourages favoritism and collusion. Public access to procurement information promotes transparency and allows for independent scrutiny, thereby enhancing trust in the integrity of procurement practices. These elements collectively contribute to creating an environment where corruption is less likely to occur, fostering a more equitable and efficient allocation of public resources.

Clear and Open Procedures: Defined rules and regulations for procurement processes help prevent manipulation and favoritism (Ware et al., 2007). Clear and open procedures in procurement are essential as they establish defined rules and regulations that prevent manipulation and favoritism. These guidelines ensure that procurement decisions are made based on objective criteria rather than subjective preferences or personal connections. By setting clear standards for how contracts are awarded, such procedures promote fairness, transparency, and accountability in the procurement process. This transparency not only deters corruption but also enhances public trust in governmental and organizational procurement practices, fostering a competitive and efficient marketplace for goods and services.

Competitive Bidding: Ensuring that contracts are awarded through competitive bidding reduces opportunities for corruption (OECD, 2007). Competitive bidding plays a crucial role in reducing opportunities for corruption by ensuring that contracts are awarded through a fair and transparent process. By requiring multiple suppliers or service providers to submit competitive bids, organizations can compare proposals based on price, quality, and other relevant criteria. This competitive process helps to mitigate the risk of collusion and favoritism, as well as encourages suppliers to offer competitive pricing and innovative solutions. Moreover, competitive bidding promotes efficiency and effectiveness in public procurement, as it allows for the selection of the most suitable provider while maximizing value for money. Overall, competitive bidding enhances transparency and accountability in procurement practices, contributing to more equitable and trustworthy governance.

Public Access to Information: Transparency in procurement can be enhanced by making procurement documents and decisions accessible to the public, thus enabling scrutiny and accountability (OECD, 2009). Public access to information in procurement processes is instrumental in enhancing transparency and accountability. When procurement documents, decisions, and contract details are made accessible to the public, it enables stakeholders, including civil society organizations, media, and citizens, to scrutinize these processes. This scrutiny serves as a deterrent to corrupt practices by fostering an environment of oversight and accountability. Transparency in procurement not only helps to prevent irregularities and unethical behavior but also builds public trust in governmental and organizational procedures. By promoting openness and clarity, public access to procurement information ensures that decisions are made in the best interest of the public, reinforcing the principles of fairness and integrity in public sector operations.

2.2 FINANCIAL DISCLOSURES FOR PUBLIC OFFICIALS

Financial disclosures by public officials are a key mechanism for detecting and preventing conflicts of interest and illicit enrichment. Effective financial disclosure systems require comprehensive, accurate, and regularly updated information on officials' assets, liabilities, and financial interests (Djankov et al., 2010).

Scope of Disclosures: Research emphasizes the need for broad disclosure requirements that cover not only officials' own assets but also those of their family members to prevent concealment (Messick, 2009). Research underscores the importance of comprehensive disclosure requirements that extend beyond officials' personal assets to include those of their immediate family members. This broad scope is crucial for preventing the concealment of potential conflicts of interest and illicit enrichment. By mandating the disclosure of familial financial interests, regulations aim to enhance transparency and accountability in governance. Such measures discourage public officials from engaging in corrupt practices or using their positions for personal gain at the expense of public trust. Broad disclosure requirements promote a culture of integrity and ethical behavior among public officials, contributing to the overall effectiveness of anti-corruption efforts and ensuring that decision-making processes are guided by public interest rather than personal enrichment.

Verification and Enforcement: Systems must include mechanisms for verifying the accuracy of disclosures and enforcing compliance through sanctions for non-disclosure or false reporting (StAR Initiative, 2012). Verification and enforcement mechanisms are essential components of effective disclosure systems aimed at combating corruption. It is crucial that systems not only mandate the disclosure of financial information by public officials and their families but also ensure the accuracy and completeness of these disclosures. Verification mechanisms involve independent audits or checks to confirm the information provided is accurate and comprehensive.

Enforcement is equally important, as it holds accountable those who fail to comply with disclosure requirements or provide false information. Sanctions for non-disclosure or false reporting serve as deterrents, discouraging officials from concealing assets or engaging in corrupt practices. Such enforcement actions may include fines, penalties, or disciplinary measures, depending on the severity of the violation. By establishing robust verification and enforcement mechanisms, governments and institutions can strengthen transparency, promote integrity, and enhance public trust in the governance process. This contributes to a more accountable and ethical public sector, where officials are held accountable for their actions and decisions.

Public Accessibility: Making disclosure information accessible to the public enhances transparency and allows for independent verification and monitoring by civil society (Djankov et al., 2010). Making disclosure information accessible to the public is crucial for enhancing transparency and accountability in governance. When disclosure information, including financial assets and potential conflicts of interest, is readily available to the public, it enables independent verification and scrutiny by civil society organizations, media, and concerned citizens. This transparency not only deters corrupt behavior but also fosters a culture of accountability among public officials.

Public accessibility to disclosure information ensures that governmental decisions are made in the best interest of the public rather than personal gain. It allows stakeholders to monitor and evaluate officials' adherence to ethical standards and regulatory requirements. Moreover, by promoting openness and inclusivity, public accessibility strengthens democratic principles by empowering citizens to actively participate in governance processes.

Overall, enhancing public accessibility to disclosure information contributes to building trust in institutions, improving governance effectiveness, and fostering a more transparent and responsive public sector.

2.3 CHALLENGES IN ESTABLISHING MONITORING AND REPORTING SYSTEMS

Implementing robust systems for monitoring and reporting corruption faces several challenges:

Institutional Resistance: Bureaucratic inertia and resistance from vested interests within institutions can hinder the implementation of effective monitoring systems (Langseth, 2006). Institutional resistance, stemming from bureaucratic inertia and vested interests within organizations, poses a significant challenge to the implementation of effective monitoring systems. Bureaucratic inertia refers to the tendency of established organizations to resist change or innovation, often due to entrenched practices, hierarchical structures, and risk aversion among personnel. This inertia can impede efforts to introduce new monitoring systems aimed at combating corruption and promoting transparency.

Moreover, vested interests within institutions, such as influential individuals or groups with personal or organizational agendas, may oppose stringent monitoring measures that threaten their autonomy or benefit from opaque practices. These interests can exert considerable influence over decision-making processes, lobbying against reforms that could expose wrongdoing or limit their discretionary powers.

Addressing institutional resistance requires strategic approaches, including leadership commitment to reform, stakeholder engagement, and capacity-building initiatives. Leadership must champion transparency and accountability, emphasizing the benefits of monitoring systems in enhancing organizational integrity and public trust. Stakeholder engagement involves consulting with diverse groups affected by monitoring reforms to build consensus and mitigate opposition. Capacity-building efforts focus on equipping staff with the skills and resources necessary to implement and sustain effective monitoring systems.

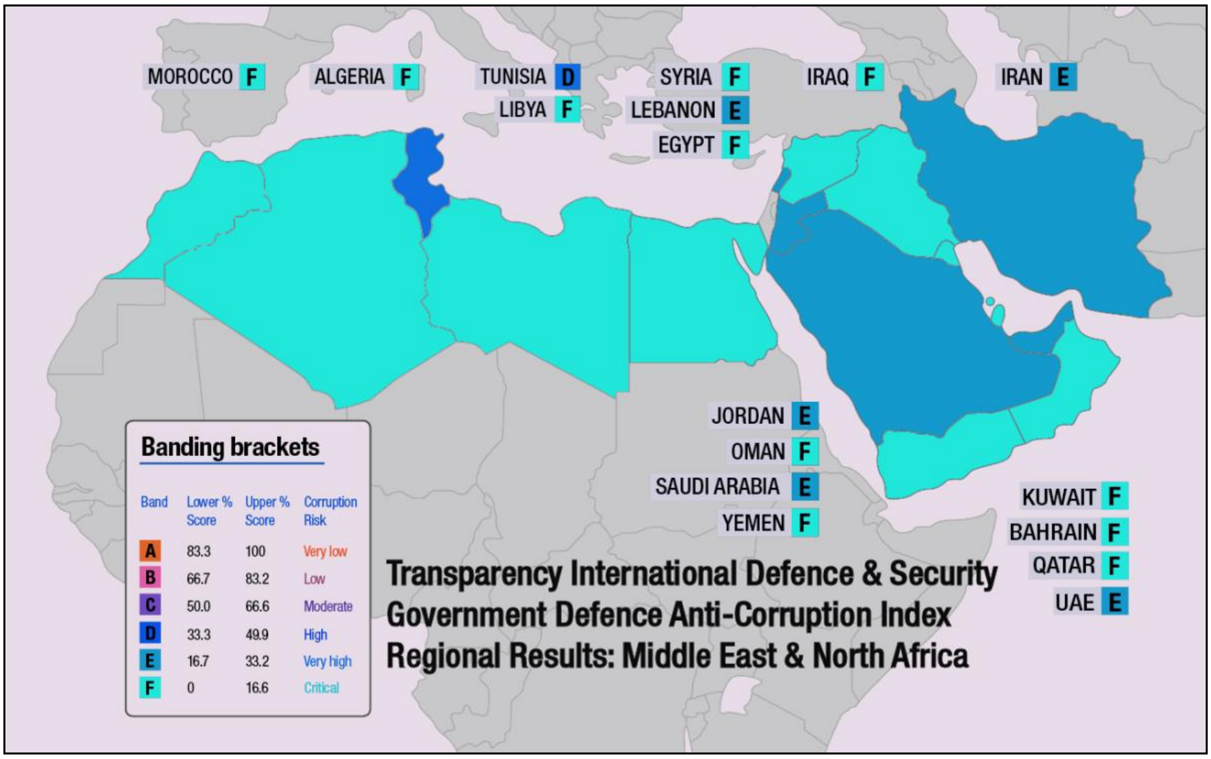
By overcoming institutional resistance, governments and organizations can create a culture of openness and accountability, where monitoring systems play a vital role in preventing corruption and promoting good governance. This fosters a more responsive and trustworthy public sector that effectively serves the interests of its constituents.

Capacity Constraints: Limited resources and technical expertise can impede the ability of institutions to establish and maintain robust monitoring systems (Ware et al., 2007).

Legal and Regulatory Barriers: Inadequate legal frameworks and weak regulatory environments can undermine the effectiveness of monitoring and reporting systems (Kaufmann et al., 2000). Capacity constraints, including limited resources and technical expertise, pose significant challenges to the establishment and maintenance of robust monitoring systems within institutions. These constraints hinder organizations' ability to effectively implement, operate, and sustain monitoring mechanisms designed to combat corruption and enhance transparency.

Figure 1

Mena anti-corruption index.



Source: https://www.bellingcat.com/news/mena/2015/10/29/tracking-down-corruption-in-the-defence-sector-in-mena/

The research findings underscore a concerning trend: the lack of transparency in defense spending leads to minimal scrutiny of expenditures amounting to billions of dollars. In 2014 alone, MENA countries examined in the Global Insight spent over $135 billion on military expenses, accounting for 7.6% of global military spending. This expenditure represents the highest proportion of GDP globally, standing at 5.1%. For instance, Saudi Arabia allocates approximately 30% of its governmental budget to defense and national security, as reported by the Saudi Arabian Monetary Agency. Moreover, data from SIPRI reveals that since 2010, Saudi Arabia and the UAE have consistently ranked among the top five importers of major weaponry. During this period, Saudi Arabia notably escalated its military spending by 17%, marking the most substantial increase globally from 2010 to 2015.

Limited financial resources often restrict investments in technology, infrastructure, and personnel training necessary for developing and maintaining monitoring systems. Without adequate funding, institutions may struggle to acquire and deploy advanced monitoring tools, such as data analytics software or secure information systems, that are essential for detecting irregularities and ensuring compliance with regulatory standards.

Technical expertise is equally crucial, as institutions require skilled professionals capable of designing, implementing, and overseeing monitoring systems. However, the shortage of qualified personnel in fields such as information technology, data analysis, and regulatory compliance can hinder the effective deployment and operation of monitoring mechanisms.

Addressing capacity constraints requires strategic interventions, including:

- prioritizing funding and budget allocations to invest in necessary technology, infrastructure upgrades, and capacity-building initiatives;
- providing ongoing training and development opportunities to staff members to enhance their skills in monitoring, data analysis, and regulatory compliance;
- collaborating with external partners, such as academic institutions, civil society organizations, and international donors, to leverage expertise, share resources, and support capacity-building efforts;
- adopting cost-effective and scalable technology solutions that align with organizational needs and operational realities.

By addressing capacity constraints through these measures, institutions can strengthen their ability to establish and maintain effective monitoring systems. This, in turn, enhances their capacity to detect and deter corruption, promote transparency, and uphold accountability in public and private sector operations

2.4 BEST PRACTICES

The literature identifies several best practices for establishing robust systems for monitoring and reporting corruption:

Legal Frameworks: Strong legal frameworks are essential for mandating transparency in public procurement and financial disclosures. Legislation should clearly define the requirements and procedures for monitoring and reporting (OECD, 2007). Strong legal frameworks are fundamental in mandating transparency in public procurement and financial disclosures. Legislation plays a crucial role in defining clear requirements and procedures for monitoring and reporting, thereby establishing the foundation for effective anti-corruption measures.

Firstly, robust legal frameworks set out the specific obligations and responsibilities of public officials and institutions regarding procurement transparency and financial disclosures.

This includes mandates for disclosing assets, income sources, and potential conflicts of interest, ensuring that all relevant information is made accessible to oversight bodies and the public.

Secondly, legal frameworks provide mechanisms for enforcing compliance and addressing violations. They establish penalties and sanctions for non-compliance or false reporting, thereby deterring corrupt practices and promoting adherence to transparency standards.

Moreover, clear and comprehensive legislation empowers regulatory agencies and oversight bodies with the authority to oversee procurement processes and monitor financial disclosures effectively. This includes conducting audits, investigations, and reviews to verify the accuracy and completeness of disclosed information.

To enhance the effectiveness of legal frameworks, continuous evaluation and updates are necessary to adapt to evolving challenges and practices in corruption prevention. Collaborative efforts involving lawmakers, regulatory bodies, civil society organizations, and international partners can facilitate the development of robust legal frameworks that promote transparency, accountability, and integrity in public and private sector operations. By strengthening legal frameworks, governments and institutions can create an environment conducive to fair competition, public trust, and sustainable economic development.

Institutional Capacity: Building the capacity of institutions involved in monitoring and reporting is crucial. This includes providing adequate resources, training personnel, and developing technical expertise (Langseth, 2006).

Technology and Innovation: Leveraging technology can enhance the efficiency and effectiveness of monitoring and reporting systems. Digital platforms for e-procurement and online disclosure systems can improve transparency and reduce opportunities for corruption (Bertot et al., 2010).

Public Engagement: Engaging civil society and the media in monitoring and reporting activities can enhance accountability. Public access to information and mechanisms for reporting corruption can empower citizens to hold public officials accountable (Kolstad & Wiig, 2009).

International Cooperation: Cross-border cooperation and the sharing of best practices can strengthen national efforts to combat corruption. International standards and frameworks, such as those provided by the OECD and the United Nations Convention against Corruption (UNCAC), offer valuable guidance (UNODC, 2004).

In conclusion, establishing robust systems for monitoring and reporting corruption is essential for enhancing transparency and accountability in public administration. Transparent public procurement processes and financial disclosures for public officials are key components of these systems. Despite the challenges, best practices such as strong legal frameworks, capacity building, leveraging technology, public engagement, and international cooperation can significantly enhance the effectiveness of anti-corruption efforts.

3 ENHANCING LEGAL AND REGULATORY FRAMEWORKS IN MENA REGION FOR COMBATING CORRUPTION

Enhancing legal and regulatory frameworks is crucial for effective anti-corruption efforts worldwide. This literature review explores existing research and best practices in improving legal and regulatory frameworks to combat corruption. It focuses on the importance of strong laws, regulations, and enforcement mechanisms in promoting transparency, accountability, and integrity in public and private sectors.

3.1 IMPORTANCE OF LEGAL AND REGULATORY FRAMEWORKS

Legal and regulatory frameworks provide the foundation for anti-corruption measures. They define the rules, procedures, and sanctions necessary to prevent, detect, and punish corrupt practices. Effective frameworks are essential for creating an environment where corruption is less likely to occur and where perpetrators can be held accountable (Rose-Ackerman, 1999).

Laws and Regulations: Clear and comprehensive laws criminalizing corruption and related offenses are fundamental. Such laws should cover bribery, embezzlement, conflict of interest, and illicit enrichment, among others (UNODC, 2004). They provide a basis for legal action against corrupt individuals and entities.

UNCAC and International Standards: The United Nations Convention against Corruption (UNCAC) sets out comprehensive legal and regulatory measures to combat corruption globally. Ratifying countries commit to implementing effective anti-corruption laws and practices (UNODC, 2004).

Enforcement Mechanisms: Strong enforcement mechanisms are critical for ensuring compliance with anti-corruption laws. These include independent investigative bodies, prosecution services, and impartial courts capable of adjudicating corruption cases (Doig & Riley, 1998).

Independent Judiciary: A judiciary that is free from political interference and bias is essential for fair and impartial adjudication of corruption cases (Rose-Ackerman, 1999).

Regulatory Oversight: Effective regulatory oversight enhances transparency and accountability in both public and private sectors. Regulatory agencies tasked with monitoring compliance with anti-corruption laws and ethical standards play a crucial role (OECD, 2007).

Sector-Specific Regulations: Tailoring regulations to specific sectors, such as public procurement, financial services, and natural resources, can mitigate sector-specific corruption risks (Søreide, 2002).

3.2 CHALLENGES IN ENHANCING LEGAL AND REGULATORY FRAMEWORKS

Implementing and enforcing effective legal and regulatory frameworks face numerous challenges:

Political Will: Political resistance and vested interests may hinder the enactment of robust anti-corruption laws and reforms (Kaufmann et al., 2000).

Capacity Constraints: Limited resources, expertise, and institutional capacity can undermine the effective implementation and enforcement of anti-corruption laws (Langseth, 2006).

Coordination and Cooperation: Ensuring coordination and cooperation among various government agencies, regulatory bodies, and stakeholders is essential for a comprehensive anti-corruption framework (Kolstad & Wiig, 2009).

3.3 BEST PRACTICES AND RECOMMENDATIONS

Drawing from the literature, several best practices can enhance legal and regulatory frameworks for combating corruption:

Comprehensive Legislation: Enact comprehensive laws that criminalize all forms of corruption and establish clear procedures for investigation, prosecution, and sanctions (UNODC, 2004).

Independent Oversight Bodies: Establish independent anti-corruption agencies or commissions with the authority to investigate and prosecute corruption cases independently of political interference (Meagher, 2005).

Public Participation and Transparency: Involve civil society organizations and the public in the development, implementation, and oversight of anti-corruption measures.

Transparency in decision-making processes and public access to information promote accountability (OECD, 2007).

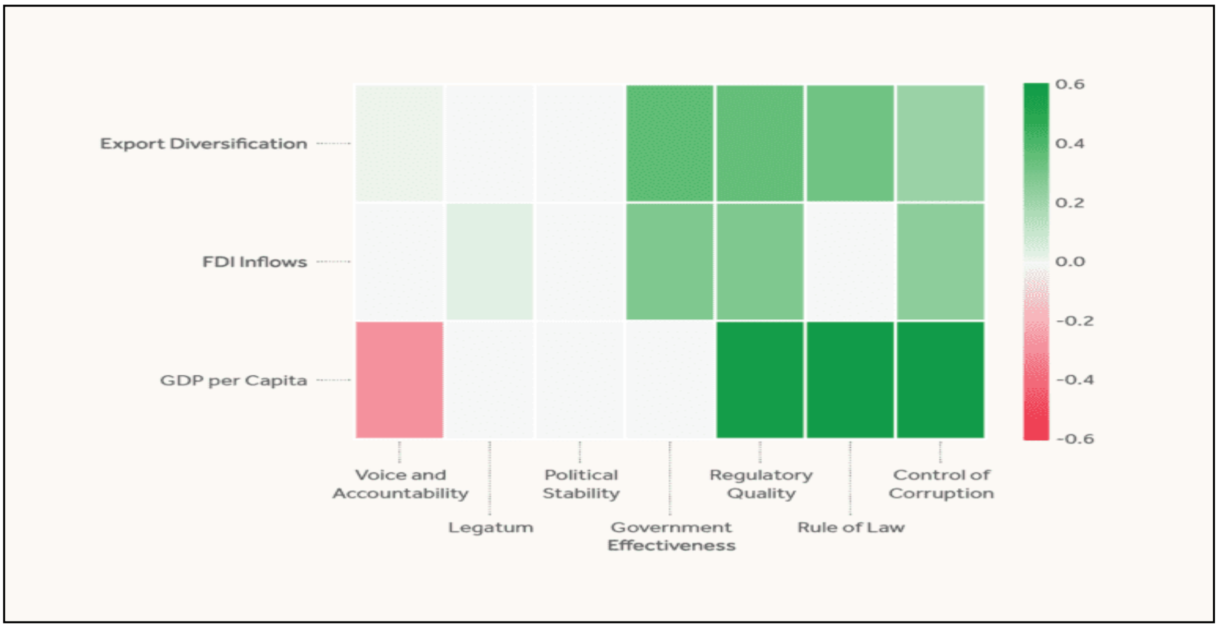
Capacity Building: Invest in building the capacity of law enforcement agencies, judiciary, and regulatory bodies through training, resources, and technical assistance (Langseth, 2006).

International Cooperation: Engage in international cooperation and adopt international standards and conventions, such as the UNCAC, to strengthen domestic anti-corruption efforts and facilitate cross-border cooperation (UNODC, 2004).

In onclusion, enhancing legal and regulatory frameworks is essential for effectively combating corruption and promoting integrity in both public and private sectors. Clear and enforceable laws, independent oversight bodies, regulatory transparency, and international cooperation are key elements of effective anti-corruption frameworks. Despite challenges, adopting best practices and strengthening institutional capacity can significantly contribute to reducing corruption and fostering sustainable development.

Figure 2

MENA Countries: P-Value Filtered Correlation for Economic Outcomes



Source: World Bank, “Worldwide Governance Indicators;” Haver Analytics Database

Upon closer examination, these relationships appear notably intricate. Figures 1 and 2 disaggregate MENA countries into those reliant on oil and those not. It becomes evident that the inverse correlation between Voice and Accountability (VOA) and economic growth largely stems from the fact that the wealthiest MENA nations are autocratic regimes rich in hydrocarbon reserves. Extensive literature on rentier states elucidates how elites in such contexts often co-opt dissent by offering employment opportunities and subsidies, thereby securing public loyalty. Oil wealth enables these countries to bypass the conventional linkages between VOA and prosperity, leveraging mineral resources to achieve high standards of living without commensurate improvements in democratic participation and governance accountability.

4 CONCLUSION

This study provides robust evidence that corruption hinders economic growth in North African and Middle Eastern countries. Policymakers should prioritize anti-corruption measures and institutional reforms to foster economic development. Future research should explore the specific mechanisms through which corruption affects different sectors of the economy and examine the potential role of cultural factors in shaping corruption dynamics.

RECOMMENDATIONS

The best recommendations for the article "Corruption and Economic Growth in North Africa and the Middle East: A Cross-Country Analysis" should focus on actionable steps that policymakers and stakeholders in the region can take to mitigate corruption and promote sustainable economic growth. Here are some key recommendations:

- implement reforms to ensure transparency and accountability in public administration and governance;
- establish robust systems for monitoring and reporting corruption, including transparent public procurement processes and financial disclosures for public officials;
- encourage the use of technology and digital platforms to reduce opportunities for corruption and increase transparency in government transactions;
- strengthen legal frameworks to provide clear and enforceable anti-corruption laws and regulations;
- ensure that laws are consistently and fairly enforced, with appropriate penalties for corrupt practices;
- conduct public awareness campaigns to educate citizens about the negative impacts of corruption and the importance of reporting corrupt activities;

- encourage civil society organizations and the media to play an active role in monitoring and exposing corruption;
- promote economic diversification to reduce dependence on resource-based sectors, which are often more susceptible to corruption;
- implement policies that encourage private sector development and investment, creating a more competitive and less corruption-prone economic environment;
- strengthen regional cooperation to combat cross-border corruption and share best practices in governance and anti-corruption measures;
- engage with international organizations to benefit from technical assistance, funding, and expertise in implementing anti-corruption initiatives;
- by focusing on these recommendations, policymakers in North African and Middle Eastern countries can create a more transparent, accountable, and resilient economic environment, ultimately fostering sustainable economic growth and development.

REFERENCES

Bertot, J. C., Jaeger, P. T., & Grimes, J. M. (2010). Using ICTs to create a culture of transparency: E-government and social media as openness and anti-corruption tools for societies. *Government Information Quarterly*, *27*(3), 264-271.

Djankov, S., La Porta, R., Lopez-de-Silanes, F., & Shleifer, A. (2010). Disclosure by politicians. *American Economic Journal: Applied Economics*, *2*(2), 179-209.

Doig, A., & Riley, S. (1998). Corruption and anti-corruption strategies: Issues and case studies from developing countries. In *Corruption and Integrity Improvement Initiatives in Developing Countries* (pp. 45-62). UNDP.

Heilbrunn, J. R. (2004). *Anti-Corruption Commissions: Panacea or Real Medicine to Fight Corruption?* World Bank Institute.

Hussmann, K. (2007). *Anti-corruption policy making in practice: What can be learned for implementing Article 5 of UNCAC?* U4 Anti-Corruption Resource Centre.

Johnston, M. (2005). *Syndromes of Corruption: Wealth, Power, and Democracy*. Cambridge University Press.

Kaufmann, D., Kraay, A., & Zoido-Lobatón, P. (2000). Governance matters: From measurement to action. *Finance and Development*, *37*(2), 10-13.

Kolstad, I., & Wiig, A. (2009). Is transparency the key to reducing corruption in resource-rich countries? *World Development*, *37*(3), 521-532.

Langseth, P. (2006). Measuring corruption. In *Global Corruption Report 2006*. Transparency International.

Mauro, P. (1995). Corruption and growth. *Quarterly Journal of Economics*, *110*(3), 681-712.

Meagher, P. (2005). Anti-corruption agencies: Rhetoric versus reality. *The Journal of Policy Reform*, *8*(1), 69-103.

Méon, P. G., & Weill, L. (2010). Is corruption an efficient grease? *World Development*, *38*(3), 244-259.

Mungiu-Pippidi, A. (2010). *The Experience of Civil Society as an Anti-Corruption Actor in East Central Europe*. EUI Working Papers RSCAS.

OECD. (2007). *OECD Principles for Integrity in Public Procurement*. OECD Publishing.

OECD. (2009). *Government at a Glance 2009*. OECD Publishing.

Persson, A., Rothstein, B., & Teorell, J. (2013). Why Anti-Corruption Reforms Fail: Systemic Corruption as a Collective Action Problem. *Governance, 26*(3), 449-471.

Pope, J. (2000). *TI Source Book 2000: Confronting Corruption: The Elements of a National Integrity System*. Transparency International.

Quah, J. S. T. (2008). Combating Corruption in the Asia-Pacific Countries: What Do We Know and What Needs to be Done? *International Public Management Review*, *9*(2), 5-33.

Recanatini, F. (2011). Anti-corruption Authorities: An Effective Tool to Curb Corruption? In S. Rose-Ackerman & T. Søreide (Eds.), *International Handbook on the Economics of Corruption* (Vol. 2). Edward Elgar Publishing.

Rose-Ackerman, S. (1999). *Corruption and Government: Causes, Consequences, and Reform*. Cambridge University Press.

Sampson, S. (2010). The Anti-corruption Industry: From Movement to Institution. *Global Crime*, *11*(2), 261-278.

StAR Initiative. (2012). *Public Office, Private Interests: Accountability through Income and Asset Disclosure*. The World Bank.

Thai, K. V. (2001). Public procurement re-examined. *Journal of Public Procurement*, *1*(1), 9-50.

UNODC. (2004). *United Nations Convention against Corruption.United Nations Office on Drugs and Crime*.

Ware, G. T., Moss, S., Campos, J. E., & Noone, G. P. (2007). Corruption in public procurement: A perennial challenge. In J. E. Campos & S. Pradhan (Eds.), *The Many Faces of Corruption: Tracking Vulnerabilities at the Sector Level* (pp. 295-334). World Bank Publications.