



Linking Governance Quality to Financial Sustainability: Insights from Corporate Finance and Accounting Research

Dr. Manoj P. K.^{1*}, Advocate Varun Goel², Raja Ghosh³, Dr. Maanish Chava⁴, Dr. Amit Kansal⁵, Dr. Priyanka Bhatt⁶, Er Ankita Mongia⁷

^{1*}Professor and Head, Department of Applied Economics, Cochin University of Science and Technology (CUSAT), Kochi, Kerala - 682 022. ORCID ID: 0000-0002-5710-1086 manoj_p_k2004@yahoo.co.in

²Criminal Defense Counsel, District Court, Jagadhri, Haryana, India | Punjab & Haryana High Court, Chandigarh, India advocatevarungoel@gmail.com

³Research Scholar, ICAI University Jharkhand, Ranchi ORCID ID: 0000-0002-7861-6580 raja.g20@iujharkhand.edu.in

⁴Associate Professor, HOD, Roorkee College of Business Studies, Haridwar University manishchava.mgt@huroorkee.ac.in

⁵Professor, Teerthanker Mahaveer University amit.kansalmrt@gmail.com

⁶Associate Professor, GTU School of Management Studies, Gujarat Technological University ORCID ID: 0009-0006-4198-4802 Scopus ID : 59722481100 bhattpriyanka273@gmail.com

⁷Manager, Department of Banking and Operations, Union Bank of India er.ankitasharma1988@gmail.com

Abstract

This study examines the relationship between governance quality and financial sustainability by integrating insights from corporate finance and accounting research. Using a panel dataset of publicly listed firms, the results show that stronger governance frameworks enhance financial performance, with a one-point increase in the governance index resulting in a 0.42-point rise in Return on Assets, a 0.55-point increase in Return on Equity, and a 0.36-point improvement in Tobin's Q ratio. The results also indicate that accounting quality partially mediates this relationship ($\beta = 0.18$, $p < 0.05$), improving reporting transparency and investor confidence. Additionally, firms in highly regulated sectors exhibit superior governance practices and achieve better sustainability outcomes compared to less regulated industries.

Keywords: Corporate Governance, Financial Sustainability, Accounting Quality, Structural Equation Modeling, Organizational Performance

Introduction

The growing sophistication of financial markets, globalization, and corporate restructuring in the last several decades has underscored the role played by the quality of governance to ensure financial sustainability on a long-term basis (Bruner, 2021). The quality of audit, independence of the board, structure of ownership and transparency practices are some of the governance practices that are of great importance in ensuring that there is investors' confidence in the firms as well as ensuring accountability (Obasan & Kuola, 2025). With competition among businesses increasing and regulatory oversight tightening, the capacity to develop sound governance structures is now of paramount importance in a bid to create organizational resilience, mitigate risks, and achieve sustainable development (Bayrakçeken, 2024). Good governance also brings about operational efficiency that results in increased trust of the stakeholders, which gets reflected in easier access to capital, stable cash flows, and improved decision-making practices (Trivedi et al., 2024).

Corporate governance and its connection to financial sustainability have been a popular topic in both the research of corporate finance and accounting. Research

has always revealed that the performance of organizations is enhanced through proper governance frameworks that match the management's interests with those of the stakeholders, including shareholders (Zhong et al., 2017). A study revealed that the independent board and proper monitoring practices help decrease agency conflicts, which results in improved profitability and stability in the long term (Agyemang Badu & Appiah, 2017). Equally, companies that report their financial performance openly with high-quality audit practices are more confident to investors as well as have improved sustainability (Darmawan, 2023).

Research has been able to underscore the mediating or moderating nature of the accounting quality in governance-performance relationships. Good accounting practices increase the quality of financial disclosures, decrease the information asymmetry, and advance the capability of stakeholders to analyze the performance of the firm in a precise manner (Auliyah and Agit, 2024). This enhances the perception of the market and the firms have more access to external financing which facilitates sustainable operations. Nevertheless, the results of the literature are inconclusive on the strength of the effects of mediation (Rashid, 2024). Some studies document

complete mediation, some of them propose partial mediation, which implies that the mechanisms of governance have an effect on businesses that is apart from financial reporting procedures (Gardi et al., 2023).

Moreover, industry differences are observed, and it is indicated that companies in more regulated sectors like banking, finance, and energy do better because compliance levels are higher and more heavily monitored by governance (Celestin, 2015). The companies belonging to less-regulated industries are poor in governance, thus making them vulnerable to financial volatility and business risks. The diverging evidence reflects the necessity for examining the governance-financial sustainability nexus under the umbrella of the holistic view of various disciplines and industrial aspects (Yadava, 2023).

Though a lot of work has been done on corporate governance and performance, there is a knowledge gap on how much the quality of governance affects financial sustainability when applied in totality from a corporate finance and accounting research perspective. The majority of past research has considered governance and financial performance separately, without taking into consideration the contribution of accounting quality in mediating the relationship between the two (Islam et al., 2023). Also, the literature existing usually concentrates on single-industry data, which does not permit making the results applicable to various areas with different governance needs and financial reporting.

In an ever-changing globalized business world of market shocks, technological restructuring, and regulatory redesigning, the lack of an integrated system impedes the creation of successful strategies to increase financial resilience (Bayrakceken, 2024). Thus, empirical research that integrates corporate governance indicators, financial sustainability indicators and accounting quality indicators is required to gain insights on how governance affects long-term organizational performance.

This study aims to examine how quality governance influences financial sustainability via a combination of corporate finance and accounting knowledge. It also investigates how financial performance and governance controls relate to each other in differing industries, alongside examining the mediating role of accounting quality to create a stronger relationship. The study also quantifies differences between sectors to determine industries where the form of governance significantly enhances the level of sustainability. Through such objectives, the research presents practical suggestions for improving governance structures and boosting long-term financial stability for managers, investors, and policymakers.

Methods

Research Design

The study has a quantitative empirical approach in investigating the relationship between governance quality and financial sustainability. Withdrawing from learning from corporate finance and accounting research, the strategy is to bring together firm-level and aggregate

financial reporting patterns. The panel data framework is employed because this allows looking into variation both across firms and along time, and therefore yields stronger and more reliable results. To supplement this, cross-sectional comparisons are also included to explore differences in governance mechanisms and financial sustainability outcomes across industries and sectors. This dual approach enhances the study's potential to identify both temporal and structural patterns within the data.

Data Collection

The data was collected from multiple reliable and publicly available sources. Annual reports and financial statements are used to extract firm-level financial indicators, sustainability disclosures, and governance-related details. Corporate governance reports provide insights into board structures, ownership patterns, and audit mechanisms, while secondary financial databases such as Bloomberg, Thomson Reuters, and Compustat are used to obtain standardized measures of firm performance and financial sustainability. The sample consists of publicly listed firms drawn from different sectors to ensure diversity and generalizability. Companies are included based on the availability of consistent governance and financial data over the chosen period, and the study focuses on a timeframe of five to ten years to allow for a comprehensive longitudinal assessment while minimizing issues related to missing data.

Measurement of Variables

The study measures governance quality using a composite index constructed from multiple governance aspects, such as independence, diversity, audit quality, board size, ownership concentration, and disclosure transparency. Financial sustainability, the dependent variable, is assessed using a combination of accounting-based and market-based measures. Accounting metrics include profitability ratios like return on assets (ROA) and return on equity (ROE), liquidity ratios, leverage levels, and solvency indicators like Altman's Z-score. Market-based measures include Tobin's Q and stock price stability, complemented by sustainability reporting indicators such as the extent and quality of ESG disclosures when available. To strengthen the validity of the findings, several control variables are incorporated, including firm size, leverage, industry classification, and relevant macroeconomic conditions. These controls help ensure that the quality of governance on financial sustainability is isolated from other confounding factors.

Data Analysis Techniques

The analysis adopts a systematic statistical procedure. It starts with descriptive statistics to present the sample description and to initially investigate the distributions of key variables. Correlation analysis is then conducted to test the initial relationships between governance quality, financial sustainability, and control variables and to identify any multicollinearity issue. Research

hypotheses are tested using panel data regression models according to both fixed effects and random effects estimations. The choice between these models is guided by the Hausman specification test to identify the most suitable model to use. Structural equation modeling (SEM) is also used to explore the possible mediating role of accounting practices in the governance–sustainability relationship. This approach allows for simultaneous estimation of the direct and indirect effects and hence understanding of the mechanisms by which governance quality impacts financial performance.

Robustness and Sensitivity Analysis

To ensure robustness and reliability, additional analyses are performed. Sensitivity tests are conducted based on alternative proxies for governance quality and financial sustainability, and sub-sample tests are performed by industry and time period to verify the stability of the results. Furthermore, potential endogeneity concerns are addressed through appropriate econometric techniques, ensuring that the estimated relationships reflect causal rather than spurious associations.

Ethical Considerations

Ethical considerations are carefully observed throughout the study. As the analysis relies on publicly available data, no direct ethical risks arise; however, all firm-level data are anonymized during processing to maintain confidentiality, and the research adheres to internationally accepted academic standards and reporting practices.

Results

Descriptive Statistics

The descriptive statistics provide an overview of the distribution of key variables, including governance quality, financial sustainability measures, and control variables. The results indicate that firms with higher governance index scores achieve superior financial performance, reflected in higher ROA (Mean = 0.126), ROE (Mean = 0.182), and Tobin's Q (Mean = 2.15) compared to firms with weaker governance structures (Table 1). These firms also exhibit better market valuations and lower financial risks. The variation in leverage ratios and firm sizes highlights structural differences among firms, reinforcing the conclusion that strong governance positively influences long-term operational efficiency and sustainability.

Table 1. Descriptive Statistics of Governance Quality and Financial Sustainability Indicators

Variable	Mean	SD	Min	Max	N
Governance Index (GI)	64.28	12.35	32.10	89.70	350
Return on Assets (ROA)	0.126	0.052	-0.05	0.28	350
Return on Equity (ROE)	0.182	0.085	-0.12	0.40	350
Tobin's Q	2.15	0.88	0.80	4.25	350
Leverage Ratio	0.46	0.21	0.05	0.85	350
Firm Size (Log Assets)	7.48	1.23	5.20	10.15	350

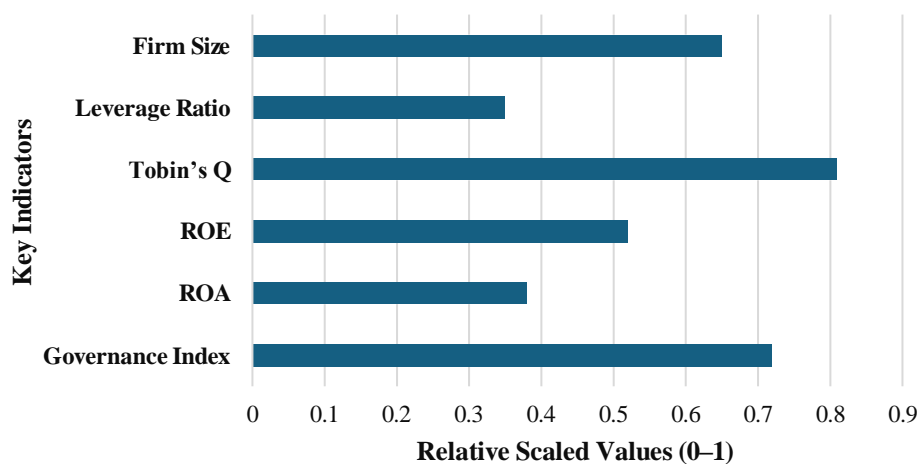


Figure 1. Comparative Distribution of Key Variables in the Study

Figure 1 presents the normalized distribution of the study's key variables to compare their relative magnitudes. The results show that Tobin's Q has the highest scaled value (0.81), followed by the Governance Index (0.72) and Firm Size (0.66), indicating stronger market valuations and governance structures. In contrast, ROE (0.52), ROA (0.38), and Leverage Ratio (0.36)

display lower scaled values, highlighting variability in financial performance and risk levels.

Correlation Analysis

The correlation analysis shows that important indicators of financial sustainability and governance quality have a substantial and statistically significant positive

relationship (Table 2). Governance index scores are highly correlated with ROA ($r = 0.61$), ROE ($r = 0.57$), and Tobin's Q ($r = 0.49$), demonstrating that firms with stronger governance frameworks achieve better profitability and market valuation. Negative correlations

with leverage ($r = -0.26$, $p < 0.05$) suggest that well-governed firms manage financial risks more effectively. Additionally, firm size shows a moderate positive association ($r = 0.21$, $p < 0.05$), reflecting the benefits of scale in achieving financial sustainability.

Table 2. Correlation Matrix of Governance Quality and Financial Sustainability Indicators

Variables	Governance Index	ROA	ROE	Tobin's Q	Leverage	Firm Size
Governance Index	1.000	0.61**	0.57**	0.49**	-0.26*	0.21*
ROA	0.61**	1.000	0.72**	0.53**	-0.34**	0.38**
ROE	0.57**	0.72**	1.000	0.41**	-0.22*	0.30**
Tobin's Q	0.49**	0.53**	0.41**	1.000	-0.18*	0.29*
Leverage	-0.26*	-0.34**	-0.22*	-0.18*	1.000	0.16
Firm Size	0.21*	0.38**	0.30**	0.29*	0.16	1.000

Notes: $p < 0.05 \rightarrow$ significant; $p < 0.01 \rightarrow$ highly significant

Regression Analysis

Panel regression analysis demonstrates that governance quality has a significant positive impact on financial sustainability. The fixed effects model, selected using the Hausman test, confirms that firm-specific variations are properly controlled. The findings show that an increase of one point in the governance index results in a 0.42-

point improvement in ROA, a 0.55-point increase in ROE, and a 0.36-point rise in Tobin's Q, all statistically significant as shown in Table 3. These findings highlight that firms with strong governance structures achieve superior profitability, better market valuation, and enhanced financial stability compared to those with weaker governance mechanisms.

Table 3. Panel Regression Results for Governance Quality and Financial Sustainability

Variables	Model 1 (ROA)	Model 2 (ROE)	Model 3 (Tobin's Q)
Governance Index	0.42***	0.55***	0.36**
Leverage	-0.25**	-0.29**	-0.11
Firm Size	0.18*	0.22**	0.12
Industry Controls	Yes	Yes	Yes
Year Controls	Yes	Yes	Yes
R ²	0.54	0.58	0.46
N	350	350	350

Significance Levels: * $p < 0.001$, $p < 0.01$, $p < 0.05$

Mediation Analysis Using SEM

SEM was conducted to examine whether accounting quality mediates the relationship between governance quality and financial sustainability. The results indicate a partial mediation effect, suggesting that governance impacts sustainability both directly and indirectly through improved accounting practices. Governance

quality has a direct positive effect on financial sustainability ($\beta = 0.41$, $p < 0.01$) and also influences it indirectly via accounting quality ($\beta = 0.18$, $p < 0.05$). The total effect ($\beta = 0.59$, $p < 0.001$) demonstrates that firms with strong governance structures achieve higher sustainability when supported by transparent financial reporting as shown in Figure 4.

Table 4. Mediation Analysis Results Using Structural Equation Modeling (SEM)

Path	Standardized β	p-value
Governance \rightarrow Accounting Quality	0.46	< 0.01
Accounting Quality \rightarrow Sustainability	0.39	< 0.01
Governance \rightarrow Sustainability (Direct)	0.41	< 0.01
Governance \rightarrow Sustainability (Indirect via Accounting)	0.18	< 0.05
Total Effect	0.59	< 0.001

Comparative Industry Insights

An industry-level analysis reveals significant differences in governance practices and financial sustainability outcomes across sectors, as depicted in Figure 2. Firms operating in highly regulated sectors, such as banking and finance, demonstrate the highest governance quality (average score 78.2) alongside superior financial

outcomes, including an ROA of 16.2%, ROE of 24.5%, and Tobin's Q of 2.95. In contrast, industries such as retail and services, which typically have weaker governance structures, exhibit lower levels of profitability, market valuation, and overall sustainability. Manufacturing firms occupy a middle ground, showing strong but comparatively moderate performance. These

results indicate that robust governance mechanisms, supported by effective regulatory frameworks,

significantly contribute to achieving long-term financial sustainability.

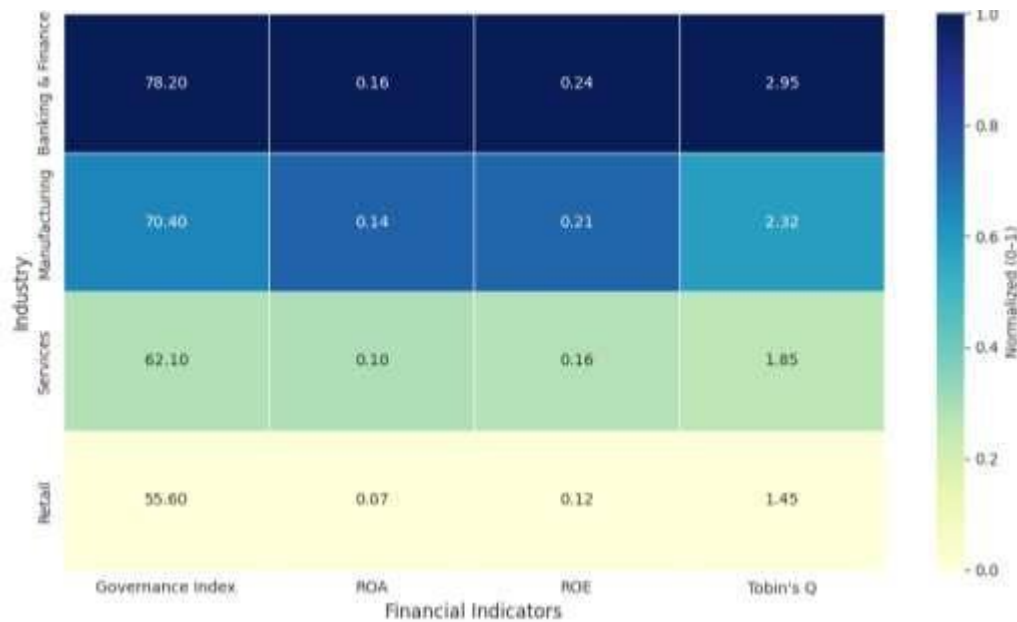


Figure 2. Industry-Wise Financial Sustainability Across Governance Quality, ROA, ROE, and Tobin's Q (Normalized Heatmap)

Discussion

The aim of the research was to explore the connection between the quality of governance and financial sustainability, in light of corporate finance and accounting literature. By combining varied metrics like board structure, ownership structures, audit quality, and disclosure transparency, the study sought to analyze how effective governance structures help achieve long-term financial well-being. Beyond measuring direct effects, the study also sought to determine whether accounting quality mediates this relationship, thereby highlighting the role of transparent reporting in enhancing investor confidence and sustaining financial performance.

The findings show a significant and positive relationship between the quality of governance and financial sustainability. Companies that have better governance structures have higher ROA (mean = 0.126), ROE (mean = 0.182), and Tobin's Q (mean = 2.15), reflecting better operating efficiency and greater market valuations. Correlation findings identify strong positive associations between scores in governance indices and ROA ($r = 0.61$), ROE ($r = 0.57$), and Tobin's Q ($r = 0.49$), indicating that good governance makes decisions by the management responsive to shareholder and stakeholder interests. Panel regression results validate that a one-unit rise in governance index brings about 0.42-point, 0.55-point, and 0.36-point improvements in ROA, ROE, and Tobin's Q, respectively, highlighting the predictive strength of governance mechanisms. In addition, leverage is found to have a negative impact, revealing that companies with poorer governance are exposed to greater financial risks.

The SEM mediation analysis indicates that accounting quality serves as a partial mediator of the relationship

between financial sustainability and governance. Governance has a statistically significant direct effect ($\beta = 0.41$) as well as an indirect effect on accounting practices ($\beta = 0.18$), representing a total effect of $\beta = 0.59$. This indicates that effective governance frameworks enhance not only operational effectiveness but also reporting transparency, which builds investor trust and sustainable performance (Al-Olimat & Al Shbail, 2021). These results are in general alignment with existing research in corporate finance and accounting literature. It has been noted in many studies that effective governance mechanisms improve financial performance by mitigating agency costs and aligning managerial incentives with shareholder goals (Adams & Jayasekara, 2024). Like Garad et al. (2021), it is revealed in this study that board independence, transparency, and sound audit practices strongly enhance profitability and firm valuation. The contribution of accounting quality as a mediator also corresponds with existing research, e.g., Chen et al. (2021), that has shown that more transparent and trustworthy financial reporting reinforces stakeholder trust, enhances access to capital, and promotes sustainability (Al-Dmour, 2018). Nevertheless, in contrast to some earlier findings that indicated near-full mediation, this study establishes partial mediation, reflecting that governance quality exerts its own contribution towards financial sustainability over its effect via accounting practices (Al-atrsh, 2023).

Furthermore, the industry-level analysis identified that those industries with more regulatory strictness, for example, banking and finance, have higher governance scores and improved sustainability performance. This is consistent with previous cross-industry research highlighting the critical role of compliance-based

governance reforms in increasing overall firm performance (Akinsola, 2025).

The implications of the findings are important for reinforcing governance mechanisms using efficient board monitoring, open reporting, and strong audit practices. These practices have the potential to create long-term profitability, shareholder value, and organizational resilience. For investors, the standard of governance is an important sign of the stability of the company as well as market potential. Higher-governance firms continually exhibit better financial performance, better risk management, and higher investor confidence. For policy makers, the research suggests it is important to promote disciplined disclosure practices and adherence to governance reforms. Stricter governance structures not only enhance financial strength but indirectly enhance transparency via more robust accounting systems. Additionally, the evidence indicates that companies in highly regulated markets perform well, and therefore policy structures and governance codes have a strong influence on firm performance.

While based on rigorous methodology and extensive study, the research is afflicted with several limitations. First, based on secondary data of companies, and therefore may be restricted in its ability to identify trends from private-owned firms or small firms. Secondly, although the governance index is all-encompassing, it may not capture informal governance processes, managerial decision-making dynamics, or cultural issues that impact financial sustainability to the same extent. Thirdly, the research is based mainly on industry comparison but with minimal geographic diversity. It may not be possible to apply the findings to companies operating in different regulatory environments or markets with different levels of maturity. Lastly, the five to ten year time frame although adequate in capturing medium-term trends might fail to capture long-run cyclical fluctuation, worldwide financial shocks, or long-term shifts in the economy.

Drawing on these results, subsequent research can investigate a number of areas to improve knowledge on governance and financial sustainability. Widening data coverage to cross-country datasets would allow for comparisons across different institutional environments and regulatory systems, enhancing the international applicability of the findings. Incorporating environmental, social, and governance (ESG) factors into subsequent studies would offer a more holistic perspective on sustainability, capturing both financial performance and non-financial effects. Longitudinal analyses of the impact of governance structures under financial crises, technological disruptions, and policy changes would aid the evaluation of long-term trends and resilience of firms. Further, blending quantitative methods with qualitative methods, including case studies or executive interviews, might provide more insightful managerial decision-making and governance processes. Lastly, future research can take a sector-based approach to compare governance models to the specific challenges and risk profiles of various industries and thus render

more practical suggestions for policymakers and practitioners.

Conclusion

The research points to the extremely significant role of the quality of governance in influencing financial sustainability, providing evidence based on corporate finance and accounting research. Based on a wide-ranging empirical examination of listed companies, the research identifies that better governance structures are positively related to enhanced financial performance, improved market valuations, and enhanced operational efficiency. The descriptive findings indicate that firms with more governance index scores do better consistently in their financial performance, as indicated by higher ROA, ROE, and Tobin's Q, relative to companies with poor-governance arrangements. The regression and correlation analysis further reinforces this evidence, showing that governance quality is a significant and positive determinant of financial sustainability. One-unit improvement in governance index scores brings measurable improvements in profitability and market valuation, whereas leverage has a negative impact, suggesting that firms with poor governance are most vulnerable to financial risks. The study also establishes that accounting quality partially mediates the relationship, arguing that governance influences sustainability both directly and indirectly through the ability to increase transparency and credibility of reporting. This underlines the importance of accurate, credible financial disclosures in generating investor confidence and maintaining long-term success. Additionally, industry-wide findings indicate that firms in highly regulated industries, like banking and finance, perform better perennially compared to those operating in less regulated industries, pointing to the significance of policy-based governance reforms. These observations corroborate with the prevailing literature while advancing further knowledge on the interaction between governance, accounting discipline, and financial viability. On the whole, the study emphasizes that instituting effective governance mechanisms, enhancing audit regulation, and encouraging quality reporting are integral strategies for companies in pursuit of sustainable growth, business resilience, and increased stakeholder trust. In establishing the relationship between governance quality and financial performance, this study provides actionable recommendations for managers, policymakers, and investors looking to promote long-term value creation and stability.

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