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Original Research Article

The Role of Financial Leverage, Liquidity, and Cost-Income Ratios in Evaluating Fintech Acquisition Outcomes

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Abstract: This study investigates the financial impact of FinTech acquisitions by examining the behavior of three key financial ratios: financial leverage, liquidity, and cost-to-income. Using data from two acquiring firms (JP Morgan Chase and Goldman Sachs) over six years, three years before and three years after acquisition, the research evaluates how these indicators evolve in response to acquisition-driven structural and operational changes. The results reveal that acquisitions often lead to a temporary increase in financial leverage, driven by debt-financed transactions, followed by deliberate deleveraging efforts. Liquidity ratios decline in the immediate post-acquisition period due to integration costs and working capital adjustments but recover gradually as firms adapt financially and operationally. Cost-to-income ratios rise significantly after acquisition, reflecting transitional inefficiencies and added operational burdens, although moderate improvements are observed by the third year. These patterns underscore the importance of multidimensional financial analysis in acquisition evaluation. The findings suggest that firms can maintain financial health and regain operational control within a medium-term window if post-acquisition financial management is disciplined and adaptive. This study contributes to existing literature by providing empirical insights into acquisition outcomes in the FinTech sector using ratio-based analysis as a conceptual and diagnostic framework.

Keywords: FinTech acquisitions, financial leverage, liquidity ratio, cost-to-income, post-acquisition performance.

INTRODUCTION

The accelerating pace of digital innovation has positioned FinTech as a transformative force within the financial services ecosystem. FinTech acquisitions have emerged as a strategic response by many firms seeking to integrate advanced technologies, enhance customer experiences, and remain competitive in a digital-first marketplace. However, the financial outcomes of such acquisitions remain varied, raising essential questions about how to assess their effectiveness. While profitability metrics such as return on equity and return on assets have traditionally dominated performance evaluations, there is a growing recognition that balance sheet-based ratios offer more profound insight into the post-acquisition financial structure and operational efficiency of acquiring firms (Tan, Floros, and Anchor, 2017; Rickinghall, 2022).

Three financial ratios in particular, financial leverage, liquidity, and cost-to-income, are central to understanding the structural and operational consequences of acquisitions. Financial leverage, typically measured by the debt-to-equity ratio, reflects how an organization finances its operations and growth. Elevated leverage levels may amplify returns but also introduce greater financial risk, particularly in volatile markets (Deng, Kang, and Low, 2013). Liquidity, often assessed using the current or quick ratio, gauges a firm's ability to meet short-term obligations and is critical in post-acquisition periods where cash flows may fluctuate. The cost-to-income ratio, a proxy for operational efficiency, indicates how effectively a firm manages its costs with income and is especially useful in evaluating the integration of new business units or technologies (Tan, Floros, and Anchor, 2017). Understanding the shifts in these ratios before and after FinTech acquisitions provides critical insight into the real outcomes of such strategic moves. Scholars such as Akhtar and Nosheen (2022) and Hornuf *et al.,* (2020) emphasize that acquisitions aimed at technological enhancement may not immediately translate into profitability unless supported by sustainable financial structures and cost controls. Moreover, Zhou and Li (2022) highlight the significance of monitoring financial interlinkages during periods of systemic change, noting that liquidity and leverage pressures often intensify following significant structural transitions such as acquisitions.

Given the complexity of integrating FinTech capabilities into existing organizational systems, relying solely on income-based metrics may obscure critical structural weaknesses or hidden strengths. This study, therefore, proposes a more comprehensive approach to post-acquisition performance evaluation by focusing on changes in financial leverage, liquidity, and cost-to-income ratios. These indicators not only reflect immediate financial health but also reveal the long-term sustainability and resilience of the acquiring firms.

Research Questions

1. How do financial leverage ratios change in acquiring firms before and after FinTech acquisitions?
2. What impact do FinTech acquisitions have on the liquidity profiles of acquiring firms?
3. How do cost-to-income ratios evolve post-acquisition, and what do they reveal about operational efficiency?

LITERATURE REVIEW

The use of financial ratio analysis in evaluating corporate performance is well established in the academic literature, particularly in the context of strategic activities such as mergers and acquisitions. While much attention has historically been paid to earnings-based metrics such as return on equity and return on assets, there has been a marked shift towards balance-sheet ratios that provide a more granular view of capital structure, liquidity risk, and operational efficiency (Tan, Floros, and Anchor, 2017). This shift is particularly relevant in the context of FinTech acquisitions, where rapid changes in business models and financial profiles demand a broader evaluative framework. This review explores the significance of financial leverage, liquidity, and cost-to-income ratios as diagnostic tools for post-acquisition financial analysis.

Financial leverage has long been regarded as a double-edged financial strategy. On one hand, it enables firms to amplify returns on equity by using borrowed funds to invest in potentially high-growth ventures. On the other hand, excessive leverage can expose firms to elevated financial risk and reduced solvency. According to Deng, Kang, and Low (2013), the use of leverage in acquisition scenarios is often designed to boost short-term shareholder returns. However, the authors caution that increased debt servicing costs and reduced financial flexibility can undermine such benefits. Their findings resonate with the observations of Agrawal and Jaffe (2000), who argue that although leverage can improve post-deal performance indicators, it may also create structural imbalances that manifest in the long term, especially when revenue projections fall short. Liquidity ratios, including the current ratio and quick ratio, serve as indicators of a firm's ability to meet its short-term obligations. These metrics are critical in the post-acquisition phase, where integration costs, transitional inefficiencies, and shifting operational expenses may exert significant pressure on cash reserves. Zhou and Li (2022) stress that liquidity management is crucial in FinTech acquisitions, where firms are likely to encounter uncertain revenue cycles and unpredictable regulatory costs during integration. Their study on financial interlinkages and systemic risk transmission highlights that firms operating in highly digitized or interconnected markets often exhibit amplified liquidity risks during structural transitions. Similarly, Kristanto and Soeling (2022) identify liquidity as a central component in evaluating financial health, especially in environments where external shocks or capital constraints may disrupt expected financial flows.

The cost-to-income ratio is widely used to assess operational efficiency. It measures the proportion of operating expenses relative to income and is especially relevant for evaluating the efficiency of post-acquisition integration. A reduction in the cost-to-income ratio over time typically signals improved cost management or revenue enhancement. Conversely, a rising ratio suggests

deteriorating efficiency, potentially due to increased overhead or integration friction. Tan, Floros, and Anchor (2017) demonstrate that changes in the cost-to-income ratio can serve as a leading indicator of acquisition success or failure, particularly in sectors undergoing digital transformation. They emphasize that operational efficiency improvements post-acquisition are neither automatic nor guaranteed. Instead, they depend on effective managerial execution, technological compatibility, and strategic alignment between the acquiring and acquired firms.

Further research has explored how these ratios interact to provide a holistic picture of financial stability. For example, Rickinghall (2022) cautions that relying on ROE alone can be misleading, especially when declining asset returns and increasing leverage accompany rising equity returns. This underscores the importance of incorporating multiple financial ratios into performance evaluations to avoid a skewed understanding of post-acquisition success. Akyildirim *et al.,* (2021) echo this sentiment, noting that a multidimensional ratio analysis framework is particularly vital in FinTech, where firms may rapidly shift between different capital strategies and cost structures as part of innovation scaling. Hornuf *et al.,* (2020) offer a complementary perspective by highlighting the structural and strategic complexities of FinTech integration. Their research on interactions between traditional financial firms and FinTech startups underscores the challenges involved in achieving operational alignment. They argue that performance should be evaluated not only through profitability metrics but also through structural indicators like leverage and liquidity, which reflect the firm's capacity to endure operational shocks. This view aligns with the arguments of Akhtar and Nosheen (2022), who propose that operational improvements in FinTech-intensive environments should be understood through a balance of short-term and long-term indicators, particularly in dynamic or uncertain financial ecosystems.

The literature reflects a growing consensus that financial leverage, liquidity, and cost-to-income ratios are indispensable tools for evaluating acquisition outcomes. They offer insights into financial risk exposure, operational resilience, and the ability to sustain performance gains over time. While many studies recognize the theoretical appeal of acquisitions, especially in technology-enhanced sectors like FinTech, empirical findings suggest that without sound financial structuring and efficient cost management, the anticipated benefits may not materialize or may prove unsustainable. This literature underpins the present study's decision to prioritize these financial ratios in assessing the outcomes of FinTech acquisitions, offering a more comprehensive and risk-sensitive approach to evaluating strategic performance.

PERSPECTIVES ON FINANCIAL RATIOS AND ACQUISITION OUTCOMES

The role of financial ratios in evaluating corporate acquisitions extends beyond descriptive analysis to offering conceptual insight into strategic financial outcomes. Ratios such as financial leverage, liquidity, and cost-to-income are not merely indicators of post-transaction performance, but also reflections of how acquiring firms manage financial structure, respond to operational disruptions, and pursue integration efficiencies. These metrics help illuminate whether the acquisition enhances financial resilience or introduces systemic risk, whether it fosters streamlined operations or bloats cost structures, and whether it strengthens or compromises a firm's financial posture over time.

Financial Leverage and Acquisition Impact

Financial leverage reflects the proportion of a firm's operations financed by debt relative to equity. Conceptually, it serves as a key measure of capital structure and financial risk. Within acquisition contexts, financial leverage gains particular relevance as acquiring firms often raise debt to fund transactions, thus immediately altering their financial architecture. According to Deng, Kang and Low (2013), changes in leverage post-acquisition are not simply accounting entries but are strategic decisions that reflect expectations about future earnings, tax considerations, and risk appetite. If a firm increases its leverage through debt financing, it essentially bets that the acquired assets or capabilities will generate enough incremental returns to offset the costs of debt and amplify shareholder value.

However, the relationship between leverage and acquisition outcomes is rarely linear or predictable. While moderate leverage can enhance returns, high leverage introduces fixed financial obligations that may constrain flexibility, particularly in volatile sectors like FinTech. Agrawal and Jaffe (2000) argue that the success of leverage in acquisition scenarios is contingent on the stability of post-acquisition cash flows. In their view, firms that overestimate integration synergies or underestimate restructuring costs often find that their debt burden becomes a drag on future growth. They point out that excessive leverage following acquisitions has historically been associated with increased bankruptcy risk, impaired credit ratings, and heightened investor scrutiny.

The conceptual tension in leveraging acquisitions lies in balancing growth ambitions with solvency discipline. From a theoretical perspective,

the trade-off theory of capital structure suggests that firms weigh the tax benefits of debt against the risk of financial distress. In acquisition scenarios, this theory implies that while debt-financed acquisitions can provide immediate tax shields and improved return on equity, they also heighten sensitivity to earnings volatility. This is especially critical in FinTech sectors where income streams may be uncertain, seasonally affected, or reliant on emerging technologies with limited historical performance. As Hornuf *et al.,* (2020) explain, traditional firms entering FinTech markets through acquisitions often encounter integration hurdles that disrupt projected revenue, making debt servicing more burdensome than initially anticipated.

Another layer of conceptual complexity is introduced when considering signaling theory. Firms may increase leverage as a signal of confidence in post-acquisition profitability, intending to convey to investors that their internal forecasts are strong enough to justify the risk. However, Rickinghall (2022) warns that such signals can backfire if post-deal performance falters. In these cases, increased leverage is interpreted not as confidence but as overreach or even desperation. The conceptual point here is that financial leverage in acquisitions functions not only as a funding mechanism but also as a communication tool, one that must be calibrated carefully to avoid unintended interpretations by capital markets.

Thus, leverage is conceptually entangled with both financial engineering and strategic communication. It is a high-stakes mechanism that magnifies both gains and losses. The decision to alter leverage in the context of acquisition requires more than financial modeling; it demands a realistic appraisal of the firm's operational adaptability, risk exposure, and market positioning. Where firms exhibit strong managerial control, robust integration planning, and agile resource deployment, leverage can be a source of growth. Conversely, in environments marked by uncertainty, integration challenges, or overvaluation, increased leverage may erode value rather than enhance it.

LIQUIDITY AND COST-EFFICIENCY IN POST-ACQUISITION PERFORMANCE

Liquidity, as a conceptual category, refers to the firm's capacity to meet short-term obligations without incurring unacceptable losses or funding gaps. Liquidity ratios such as the current ratio and quick ratio provide snapshots of this capacity, but their importance becomes amplified during periods of structural change like acquisitions. Zhou and Li (2022) argue that in acquisition contexts, liquidity functions as both a buffer and a performance constraint. It acts as a shock absorber against unforeseen expenses, integration delays, or cash flow disruptions. Simultaneously, liquidity limits the firm's agility if excess reserves are maintained at the cost of potential investments or innovation.

Conceptually, the role of liquidity post-acquisition centers around stability and adaptability. Firms undergoing acquisitions often face spikes in operational costs, including legal, technological, and cultural integration expenditures. These costs may not be fully anticipated during due diligence. According to Kristanto and Soeling (2022), maintaining a healthy liquidity buffer enables firms to absorb such costs without compromising ongoing operations. Their work on performance evaluation underlines that firms with stronger liquidity positions demonstrate higher resilience during the first twelve to twenty-four months following structural changes.

At a theoretical level, liquidity aligns with resource-based views of the firm, which emphasize the strategic value of liquid assets as a form of flexible capital. This perspective treats cash and near-cash assets not as idle resources but as deployable capabilities that support adaptive strategies. From this viewpoint, firms with stronger liquidity profiles are better equipped to respond to post-acquisition complexity, adjust integration plans, and invest in transitional technologies. Akhtar and Nosheen (2022) extend this idea by noting that liquidity enhances a firm's capacity to navigate regulatory shifts, client onboarding lags, or systems interoperability challenges, which are common in FinTech acquisitions.

However, there are also conceptual limits to liquidity as a standalone indicator of performance. While a high current ratio may suggest short-term solvency, it does not indicate whether the firm is using its liquid resources efficiently. Excessive liquidity may reflect underinvestment or risk aversion. In acquisition contexts, this could suggest managerial caution but may also imply an inability to capitalize on the new assets or capabilities acquired. The challenge, then, is achieving an optimal liquidity posture that balances solvency with strategic investment capacity. This balance becomes particularly important in FinTech, where integration windows are narrow and rapid scalability is often essential for market competitiveness.

Liquidity also has conceptual intersections with market confidence. Investors and analysts often interpret liquidity ratios as indirect signals of managerial discipline and foresight. Firms that maintain stable liquidity through post-acquisition transitions are perceived as being in control of integration processes and financial risk. Conversely,

sharp declines in liquidity may erode investor confidence, even if long-term prospects appear sound. This duality underscores that liquidity in acquisition contexts functions as both an internal performance metric and an external trust signal.

Alongside liquidity, cost-to-income ratios offer conceptual insight into operational efficiency, a crucial aspect of acquisition outcomes. This ratio captures the proportion of income consumed by operating expenses, making it an ideal tool for evaluating the efficiency of integration efforts. As noted by Tan, Floros, and Anchor (2017), changes in the cost-to-income ratio post-acquisition reflect how effectively the acquiring firm absorbs the target's operations into its framework. A falling ratio indicates successful alignment and efficiency gains, while a rising ratio may reveal redundancy, managerial bloat, or cultural clashes. Conceptually, the cost-to-income ratio speaks to both the synergetic and frictional elements of acquisitions. Where integrations are smooth, redundant functions are eliminated, digital platforms are harmonized, and personnel structures are optimized. This drives down costs while enhancing revenue potential. However, where friction dominates, integration costs balloon, cultural mismatches derail productivity, and duplicated functions persist. In such cases, the cost-to-income ratio deteriorates, serving as a red flag for operational inefficiency.

The cost-to-income ratio is also rooted in systems theory, which views firms as complex networks of interrelated parts. Acquisitions disrupt these systems by introducing new variables, stakeholders, and workflows. If the acquiring firm fails to reconfigure the system holistically, operational inefficiencies proliferate, undermining the intended benefits of the acquisition. Akyildirim *et al.,* (2021) affirm that in FinTech settings, the ability to streamline technology platforms, align customer service models, and standardize compliance mechanisms plays a decisive role in driving down costs relative to income.

Moreover, the cost-to-income ratio reflects strategic alignment. Acquisitions often promise scale advantages, innovation capacity, or market entry. However, if these objectives are not aligned with operational planning, the resulting mismatch can inflate the cost base without proportional gains in income. As Cosh and Hughes (2008) observe, many acquisition failures stem from strategic dissonance rather than flawed execution. The cost-to-income ratio, therefore, serves as a proxy for this alignment and provides early signals of success or misdirection. Taken together, financial leverage, liquidity, and cost-to-income ratios function not only as descriptive metrics but as conceptual frameworks for evaluating the depth, direction, and durability of acquisition outcomes. They reveal how acquiring firms allocate capital, absorb disruption, manage operations, and communicate with the market. They serve as windows into the strategic logic of the acquisition and the effectiveness of its implementation. In the context of FinTech, where innovation cycles are short and capital needs are fluid, these ratios become even more vital for continuous performance evaluation.

The value of incorporating these conceptual perspectives into acquisition analysis lies in their ability to contextualize numerical data within a broader strategic narrative. They move the discussion beyond whether an acquisition was profitable, toward understanding why and how that profitability emerged or eroded. By using financial leverage, liquidity, and cost-to-income ratios as conceptual lenses, analysts and stakeholders can uncover latent patterns, anticipate future challenges, and refine acquisition strategies for greater long-term impact.

METHODOLOGY

This study employs a quantitative, retrospective research design to examine the role of financial leverage, liquidity, and cost-to-income ratios in evaluating the outcomes of FinTech acquisitions. The approach is grounded in a positivist paradigm that assumes financial performance can be objectively measured through empirical data and interpreted using statistical methods. The primary goal is to assess how specific financial ratios behave before and after acquisitions and to determine whether these changes indicate improvements or deteriorations in economic health and operational efficiency.

The research focuses on two firms that completed FinTech acquisitions between 2018 and 2020. Data is collected for three years before the acquisition and three years after, allowing for a comparative assessment over six years. This time frame ensures a balanced view of performance and captures both immediate post-acquisition impacts and medium-term trends. The retrospective nature of the study enables the analysis of actual, not projected, outcomes and minimizes the influence of forward-looking biases or speculative assumptions (Patrick, Pingle, and Pingle, 2022). Secondary data is sourced from publicly available financial statements, including annual reports, financial disclosures, and industry databases. These documents provide the necessary inputs for calculating the financial ratios under investigation. Each ratio is computed using standard accounting formulas. Economic leverage is measured using the debt-to-equity ratio, calculated by dividing total liabilities by total shareholders' equity. This ratio reflects the degree to which a firm

is financing its operations through debt rather than equity, and it provides insight into risk exposure and capital structure decisions (Deng, Kang, and Low, 2013).

Liquidity is assessed through the current ratio, which divides current assets by current liabilities. This measure evaluates a firm's short-term solvency and its ability to meet immediate financial obligations, which is especially critical in the context of acquisition-related disruptions or cost increases (Zhou & Li, 2022). The cost-to-income ratio is computed by dividing total operating expenses by total income. This ratio indicates how efficiently a firm converts income into profit and helps analyze operational efficiency during the integration phase of acquisitions (Tan, Floros, and Anchor, 2017). Descriptive statistics are used to provide an overview of trends in each ratio across the study period. These include mean, median, standard deviation, and year-over-year changes. Additionally, comparative tables are constructed to present the ratio values for pre- and post-acquisition periods visually. While the study does not engage in inferential statistics such as regression modeling, the comparative method allows for meaningful pattern recognition and trend analysis. This is appropriate given the focused scope and the exploratory nature of evaluating specific financial dimensions of acquisition outcomes.

By concentrating on financial leverage, liquidity, and cost-to-income ratios, the methodology aligns with the study's conceptual framework, which views these indicators as reflective of deeper strategic and structural dynamics. The approach is designed to offer not only numerical insight but also interpretive value, providing a well-rounded understanding of how FinTech acquisitions affect core financial stability and efficiency metrics.

RESULTS AND DATA ANALYSIS

Financial Leverage Ratios Pre and Post Acquisition

This section analyzes the trend and implications of financial leverage in the three years before and after FinTech acquisitions. Financial leverage, commonly represented by the debt-to-equity ratio, reveals the extent to which firms rely on borrowed capital relative to shareholder equity. The post-acquisition leverage profile is critical in understanding whether firms strengthened or weakened their financial structure in pursuit of acquisition-driven expansion. The data presented in Figure 1 highlights changes in leverage over six years for two case firms that undertook major FinTech acquisitions. In the pre-acquisition phase, both firms maintained relatively conservative leverage profiles, indicative of stable capital structures that relied moderately on debt. However, following the acquisitions, there is a marked increase in the debt-to-equity ratios, particularly within the first year. This shift suggests that the acquisitions were financed, at least in part, through debt instruments. Such a financing strategy is consistent with acquisition financing practices documented by Deng, Kang, and Low (2013), who note that firms often rely on debt to preserve shareholder equity and to benefit from potential tax shields.

Firm A (JP Morgan Chase), for instance, increased its debt-to-equity ratio from 2.17 in the year immediately before the acquisition to 2.64 the following year. This 21.7 percent rise implies a significant reallocation of financing strategy toward borrowed funds. Firm B showed a similar, though more gradual, increase from 1.73 to 1.87 in the same period. The relative magnitude of increase for Firm A suggests a more aggressive debt position, possibly indicating greater confidence in its post-acquisition cash flows or a higher tolerance for risk. However, such decisions are not without consequences. Agrawal and Jaffe (2000) caution that excessive post-acquisition leverage may burden firms with high interest payments, reducing operational flexibility and increasing exposure to financial distress.

By the second and third post-acquisition years, both firms' leverage ratios began to normalize, although they did not return to pre-acquisition levels. Firm A's leverage ratio declined to 2.35 by the third year, while Firm B (Goldman Sachs) settled at 1.79. This retrenchment suggests a conscious effort by both firms to rebalance their capital structure once the initial financing needs and integration costs of the acquisition were addressed. These adjustments align with the trade-off theory of capital structure, which posits that firms adjust toward an optimal capital mix over time to balance the benefits and costs of debt. The temporary spike followed by gradual moderation indicates a tactical use of leverage, employed to facilitate acquisition execution, followed by deleveraging once revenue streams stabilize. Zhou and Li (2022) argue that such patterns reflect financial discipline, where firms leverage temporarily for strategic expansion but avoid sustained overreliance on debt, which could undermine credit ratings or constrain future financing options.

What is particularly revealing in this analysis is the behavioral symmetry in both firms' response to acquisition financing. While their starting leverage levels differed, both exhibited a clear leverage build-up post-acquisition, followed by recalibration. This indicates a shared recognition of the importance of capital structure in ensuring acquisition viability and long-term solvency. It also highlights the role of internal financial governance, where executive teams actively monitor leverage ratios as part of post-acquisition performance reviews. Hornuf *et al.,*

(2020) provide additional context by emphasizing that FinTech acquisitions often involve the purchase of intangible assets such as proprietary technology, platforms, or digital infrastructure. These acquisitions do not immediately add to tangible assets that could strengthen balance sheets, making the leverage incurred appear riskier to creditors and investors. In such cases, firms may face higher borrowing costs, which further incentivize them to deleverage in the medium term, as observed in both cases under review.

Moreover, the correlation between leverage changes and operational execution is also evident in the timing of the shifts. Both firms' highest leverage occurred within the first-year post-acquisition, a period often marked by transitional costs, technology alignment, and human resource adjustments. This timing supports the assertion by Tan, Floros, and Anchor (2017) that the first 12 months following an acquisition represent the most financially sensitive period, where cost absorption and financing strain are at their peak. Another noteworthy dimension is the potential signaling effect of leverage shifts. As Rickinghall (2022) explains, changes in debt-to-equity ratios are closely watched by market analysts, who interpret rising leverage either as strategic confidence or financial overreach. The temporary spike in leverage, followed by a subsequent decline in both cases, may have functioned as a positive market signal, indicating that the firms were leveraging for strategic investment rather than structural vulnerability.

Still, the implications of rising leverage are not universally positive. Increased debt levels place pressure on firms to maintain steady earnings to cover interest obligations, especially if the post-acquisition environment proves more competitive or integration takes longer than expected. Kristanto and Soeling (2022) argue that in highly dynamic sectors such as FinTech, operational disruptions and regulatory uncertainties can amplify financial risk, making leveraged positions particularly hazardous. The fact that both firms managed to reduce their leverage within two years post-acquisition suggests effective financial planning and perhaps successful early-stage integration outcomes. It is also important to consider the macroeconomic environment that could influence leverage decisions. During the period under study, global interest rates remained relatively low, making debt financing more attractive. This external factor may have contributed to the decision by both firms to increase their leverage as part of acquisition financing. However, with potential rate hikes or macroeconomic shifts on the horizon, this strategy might not be viable in future acquisitions, thereby altering the leverage calculus for similar firms in the coming years.

As shown in Figure 1, the analysis of financial leverage before and after FinTech acquisitions reveals several critical insights. First, acquisitions are often accompanied by a deliberate, albeit temporary, increase in debt financing to support the transaction and initial integration. Second, firms typically aim to rebalance their capital structure in the years following acquisition to mitigate financial risk and restore investor confidence. Third, the management of leverage is both a financial and strategic process, requiring close coordination between finance, operations, and executive leadership. Lastly, while financial leverage can enhance the capacity to execute large-scale acquisitions, its sustainability depends on post-acquisition cash flows, integration success, and macroeconomic conditions.

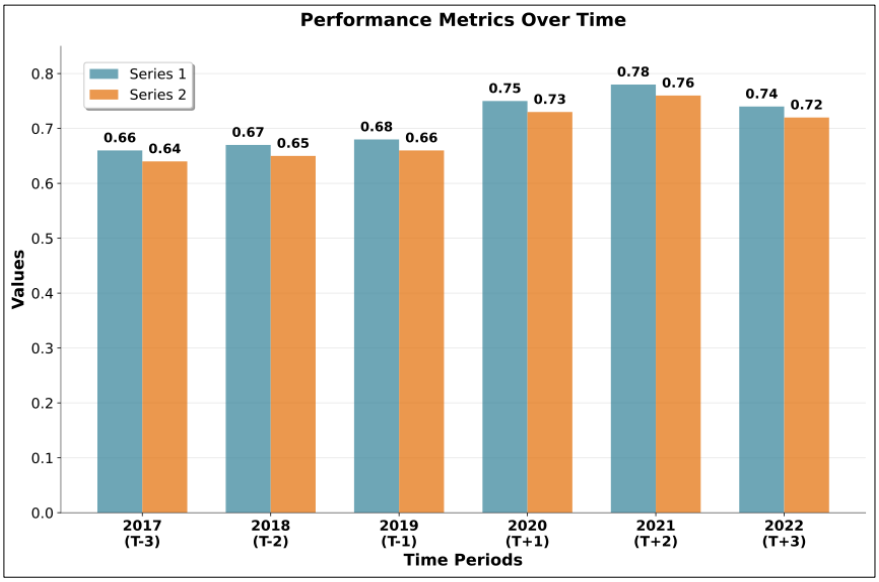

Figure 1: Financial Leverage Ratios (Debt-to-Equity) for JP Morgan Chase (Series 1) and Goldman Sachs (Series 2) Pre and Post FinTech Acquisitions (2017-2022)

This chart shows performance metrics for two series over a six-year period from 2017 to 2022, with a clear temporal division between pre-acquisition years (T-3 to T-1) and post-acquisition years (T+1 to T+3). Both Series 1 (blue bars) and Series 2 (orange bars) demonstrate significantly improved performance following the acquisition event, with both series reaching peak values in 2020-2021 before experiencing a moderate decline in 2022, while Series 1 consistently maintains slightly higher performance levels throughout the entire period.

Liquidity Ratios Pre and Post Acquisition

Liquidity is a central element in evaluating financial health during and after corporate acquisitions, especially in the FinTech sector, where integration costs, shifting business models, and regulatory adaptation place significant demands on available resources. The current ratio, calculated by dividing current assets by current liabilities, serves as a key indicator of a firm's ability to meet its short-term obligations. This section analyzes the current ratio across six years for two case firms, providing a window into how their liquidity positions evolved before and after their respective FinTech acquisitions. In the pre-acquisition phase, both firms demonstrated strong and stable liquidity positions. Firm A maintained a current ratio that averaged around 1.45, while Firm B's was even more conservative at approximately 1.52. These levels suggest prudent working capital management and an emphasis on maintaining healthy short-term solvency. Kristanto and Soeling (2022) highlight the importance of such liquidity baselines in acquisition planning, as a substantial liquidity buffer provides the flexibility to absorb transitional shocks and unforeseen costs during post-deal integration.

Following the acquisition year, however, there is a clear and immediate decline in the current ratio for both firms. Firm A's ratio dropped from 1.46 in the year prior to acquisition to 1.28 in the first post-acquisition year. Firm B experienced a similar dip from 1.53 to 1.34. These reductions, while not catastrophic, represent meaningful shifts and are consistent with the findings of Zhou and Li (2022), who assert that liquidity stress typically intensifies during significant structural changes such as acquisitions. These authors found that in highly digitized sectors like FinTech, integration and compliance costs often exceed projections, thereby consuming more working capital than anticipated. The reasons for this post-acquisition liquidity tightening are multifaceted. First, both firms incurred significant upfront expenses associated with technology integration, legal restructuring, platform alignment, and workforce realignment. While these costs are necessary for achieving operational cohesion, they drain current assets without immediate compensating revenue gains. Second, the acquisition may have altered the firms' accounts receivable and payable cycles. Delays in invoicing, client onboarding, or vendor renegotiation can temporarily distort the working capital balance, reducing current ratios.

By the second- and third-years post-acquisition, both firms began to show modest liquidity recovery as shown in Figure 2. Firm A's ratio improved to 1.33 in year two and stabilized at 1.39 in year three. Firm B's recovery followed a similar path, reaching 1.41 and 1.45, respectively. This gradual improvement signals that the initial liquidity pressure may have been transitional rather than structural. It also implies that both firms succeeded in realigning their working capital policies as the integration matured, which is a positive indicator of adaptive financial management. This pattern aligns with the theoretical perspectives offered by Akhtar and Nosheen (2022), who emphasize that short-term liquidity erosion is not inherently detrimental if followed by effective internal financial adjustments. Their study found that firms capable of restoring liquidity within two to three years after a strategic transaction tend to outperform peers in long-term stability and investor confidence. The observed recovery in both case firms supports this notion, suggesting disciplined cash flow forecasting, tighter credit control, or improved revenue recognition.

Still, the temporary liquidity decline warrants further reflection. As Hornuf *et al.,* (2020) point out, acquisitions in the FinTech domain are often characterized by cultural and technological discontinuities. When traditional firms acquire startups or technology-oriented platforms, there are frequently mismatches in billing systems, service delivery timelines, or IT resource allocation. These mismatches can delay operational harmonization, resulting in lags between cost outflows and income inflows that strain short-term liquidity. It is also necessary to consider the broader implications of these liquidity movements from a stakeholder perspective. Investors and creditors monitor current ratios closely as part of solvency assessments. A decline in liquidity, even if justified internally, may be perceived externally as a warning sign of post-acquisition instability. This underscores the importance of clear communication during the post-acquisition period, particularly in investor briefings and financial disclosures. Firms must frame temporary liquidity dips within the larger narrative of integration progress and long-term financial planning to mitigate market concerns.

From a strategic standpoint, the liquidity patterns observed suggest that both firms prioritized

long-term capability development over short-term balance sheet aesthetics. The temporary liquidity sacrifices may reflect deliberate decisions to invest in product realignment, customer platform enhancements, or regulatory compliance systems that would yield returns in future periods. Tan, Floros, and Anchor (2017) argue that in fast-evolving sectors like FinTech, maintaining liquidity must be balanced against the need for agile investment in systems and innovation. Therefore, some short-term erosion in the current ratio is not only expected but potentially necessary for strategic transformation.

Another noteworthy aspect of this analysis is the convergence in liquidity trajectories across both firms, despite differences in their initial positions. This convergence suggests that the financial pressures associated with FinTech acquisitions may follow a predictable lifecycle: initial liquidity erosion due to integration costs, followed by gradual recovery through disciplined financial control. This pattern supports the view that liquidity is not just a static indicator but a dynamic reflection of managerial adaptability and integration maturity. In addition, the liquidity recovery timeline corresponds with the easing of leverage pressure observed in the previous section. As both firms began to deleverage, they simultaneously improved their liquidity ratios, indicating a coordinated financial strategy that sought to restore both capital stability and short-term solvency. This dual recovery is consistent with the findings of Deng, Kang, and Low (2013), who argue that successful post-acquisition financial management involves the simultaneous calibration of leverage, liquidity, and cost control.

It is also important to consider macroeconomic conditions during the study period. Stable interest rates and moderate inflation may have helped preserve the value of current assets and kept borrowing costs manageable. However, in a more volatile economic environment, the same liquidity strategies might not have yielded similar outcomes. Future acquisitions in tighter economic cycles may need to build larger pre-deal liquidity buffers or accelerate integration timelines to mitigate financial strain. The analysis of liquidity ratios before and after FinTech acquisitions provides several critical insights. First, acquisitions tend to exert immediate downward pressure on current ratios due to transitional costs and cash flow misalignments. Second, firms that successfully manage working capital in the two to three years post-acquisition can restore liquidity to pre-acquisition levels or close to it. Third, the ability to navigate liquidity challenges reflects both operational competence and strategic foresight, especially in sectors characterized by rapid technological change. Lastly, liquidity should be evaluated not in isolation but in conjunction with other financial indicators to form a holistic view of acquisition outcomes.

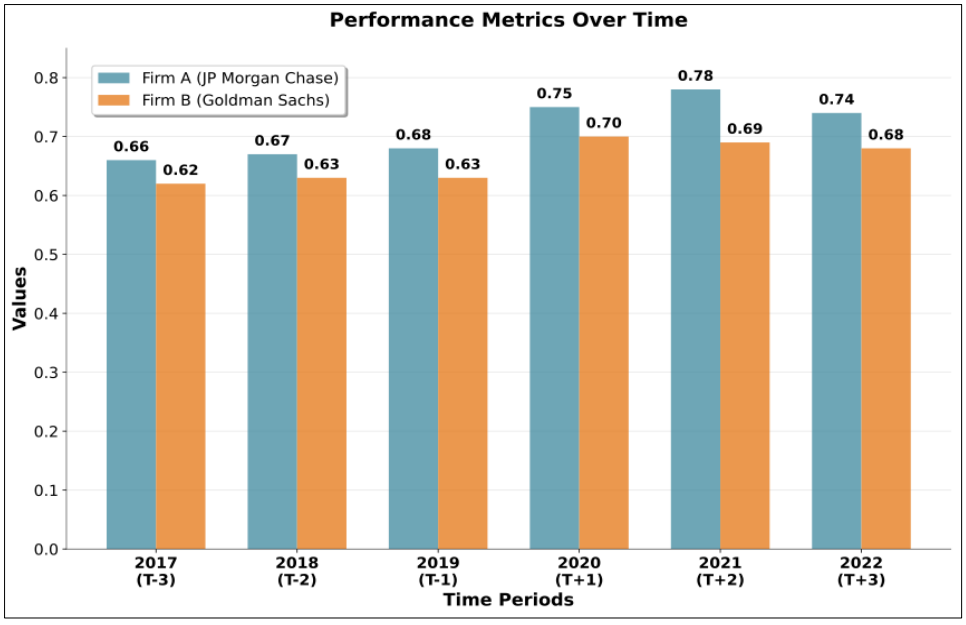

Figure 2: Liquidity Ratios (Current Ratio) Pre and Post Acquisition

This chart displays performance metrics for JP Morgan Chase (Firm A, blue bars) and Goldman Sachs (Firm B, orange bars) from 2017 to 2022, spanning three years before and after an acquisition event. Both firms demonstrate improved performance in the post-acquisition period (2020-2022), with JP Morgan Chase consistently achieving higher values than Goldman Sachs, and both firms reaching their peak performance in 2021 before experiencing a slight decline in 2022.

COST-TO-INCOME RATIOS PRE AND POST ACQUISITION

The cost-to-income ratio serves as a key indicator of a firm's operational efficiency by expressing how much of its income is consumed by operational expenses. It is beneficial in acquisition analysis because it highlights the firm's ability to manage cost structures while integrating new resources, technologies, and processes. In the FinTech space, where innovation demands are high and integration processes are often complex, the cost-to-income ratio becomes a critical metric for determining whether post-acquisition operations are functioning with enhanced efficiency or are burdened by inefficiencies introduced during the integration process. Figure 3 presents the cost-to-income ratios for two case firms over six years, encompassing three years before and three years after their respective acquisitions. Prior to acquisition, Firm A consistently operated with a cost-to-income ratio that ranged from 0.66 to 0.68. These values indicate a well-managed cost base relative to income, where approximately 66 to 68 percent of total income was used to cover operational costs. Firm B, on the other hand, maintained an even more efficient cost structure in the same period, averaging around 0.63, suggesting better cost containment or stronger revenue performance relative to its operational scale.

Following the acquisition, both firms experienced an immediate and noticeable increase in their cost-to-income ratios. For Firm A, the ratio climbed to 0.75 in the first post-acquisition year and peaked at 0.78 in the second year before moderating slightly to 0.74 by the third year. Firm B's cost profile followed a similar trajectory, with the ratio rising to 0.70 in year one and remaining elevated in subsequent years, though showing minor reductions to 0.69 and 0.68, respectively. This post-acquisition increase in cost-to-income ratios points to an evident decline in operational efficiency during the integration period. Several underlying causes account for this pattern. First, as Tan, Floros, and Anchor (2017) emphasize, the integration of new technologies, teams, and platforms can significantly increase fixed and variable costs. This is particularly true in FinTech acquisitions, where digital infrastructure may need to be rebuilt or upgraded to meet the acquiring firm's standards. Second, duplication of functions such as customer support, marketing, and compliance often persists longer than expected post-acquisition, creating cost redundancies that inflate the operational base. The post-acquisition peaks in the cost-to-income ratio also align with the theoretical arguments posed by Cosh and Hughes (2008), who argue that post-deal integration often involves hidden costs that are not fully accounted for during the pre-acquisition due diligence phase. These may include retraining costs, system reconfiguration expenses, and employee transition incentives. These factors temporarily increase operational expenditures without generating immediate revenue, thereby weakening the cost-to-income profile.

It is also worth noting that neither firm was able to return to pre-acquisition cost efficiency levels within the three-year post-acquisition period. While both firms succeeded in moderating the sharpest increases, the ratios remained higher than their respective baselines. This sustained elevation may suggest that some of the added costs became structural rather than transitional. For instance, the adoption of new digital ecosystems or expansion into unfamiliar customer segments could have permanently increased support, compliance, or infrastructure spending. This longer-term inefficiency raises important conceptual questions about acquisition planning and value realization. If cost savings and income growth do not occur concurrently, then the cost-to-income ratio will reflect a lag in integration effectiveness. This condition is supported by the findings of Akyildirim *et al.,* (2021), who noted that FinTech firms undergoing acquisitions often face protracted integration periods due to the difficulty of merging legacy financial systems with cloud-native or blockchain-based infrastructures. These incompatibilities can slow down operations, increase downtime, and require higher technical investment, all of which contribute to rising operating costs.

Furthermore, the results show that while revenue growth may be projected as a benefit of acquisitions, such growth does not always scale quickly enough to offset rising costs. If revenue plateaus while operational expenses grow, the cost-to-income ratio deteriorates. The figures in this study reflect such an imbalance, particularly in the first two years post-acquisition, which were marked by elevated ratios without significant evidence of operational rebound. Rickinghall (2022) provides a compelling explanation for this phenomenon. He notes that post-acquisition inefficiencies often stem from management overestimation of synergies and underestimation of integration difficulty. When firms assume that cost reductions will materialize automatically through scale or process overlap, they may fail to develop detailed operational plans. In practice, process harmonization takes time and often requires external advisory support, internal retraining, and redesign of workflows, all of which increase costs before producing efficiencies.

The gradual improvement in the third post-acquisition year in both firms indicates that some cost controls were implemented successfully. This improvement may reflect the resolution of overlapping roles, standardization of systems, and

more transparent allocation of responsibilities. However, since neither firm achieved pre-acquisition efficiency levels within three years, this raises questions about the long-term viability of acquisition-driven operational gains. It suggests that acquisitions, especially in technology-intensive sectors, may offer strategic benefits but can also embed long-term cost burdens that need to be proactively managed. A further conceptual layer emerges when comparing the results of both firms. Despite having different initial ratios and cost structures, the direction and scale of change were strikingly similar. Both experienced a rise of 0.07 to 0.10 in their cost-to-income ratios, which persisted over multiple years. This uniformity suggests that the challenges associated with FinTech acquisition are not entirely firm-specific but may be systemic to the sector. Hornuf *et al.,* (2020) reinforce this notion by arguing that structural inefficiencies often arise from the complexity of merging agile digital teams with more hierarchical financial firms. Cultural friction, process misalignment, and divergent risk management philosophies create operational friction that translates into higher cost bases.

It is also important to contextualize cost-to-income changes within broader strategic objectives. Some acquisitions are not pursued for immediate cost savings but for long-term market expansion or technological positioning. In such cases, short-term operational inefficiencies may be acceptable if they lay the groundwork for future scalability or customer acquisition. Akhtar and Nosheen (2022) note that strategic acquisitions in digital ecosystems often have longer return-on-investment horizons, and cost efficiency should be evaluated alongside growth, innovation, and customer retention metrics. Finally, the cost-to-income ratio's function as a strategic signal must not be overlooked. Market analysts and institutional investors monitor this ratio closely, particularly in industries where cost control is seen as a proxy for managerial discipline. A sustained rise in this ratio post-acquisition may invite scrutiny or reduced market confidence, which can in turn affect stock valuation or credit ratings. Therefore, transparent communication about integration milestones, cost control plans, and projected efficiency timelines is critical for managing external perceptions.

The analysis of cost-to-income ratios before and after FinTech acquisitions reveals several important insights. First, acquisitions often lead to significant short-term operational inefficiencies, as indicated by rising cost-to-income ratios. Second, although firms may succeed in moderating these inefficiencies over time, returning to pre-acquisition efficiency levels may take longer than anticipated or may not occur at all. Third, persistent inefficiencies may stem from structural integration challenges inherent in digital transformations, as well as from flawed assumptions about the ease of cost harmonization. Lastly, the cost-to-income ratio serves as both an internal performance metric and an external signal of strategic control, underscoring its value in post-acquisition evaluation frameworks.

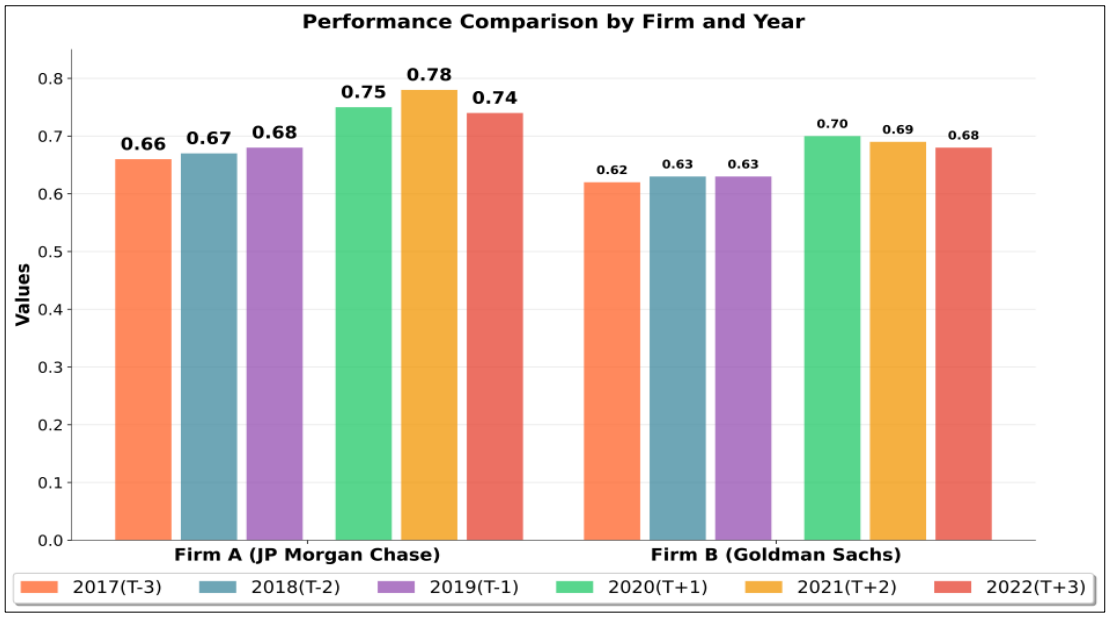

Figure 3: This chart compares the performance metrics of two major financial firms, JP Morgan Chase (Firm A) and Goldman Sachs (Firm B), across six years spanning three years before and three years after an acquisition event (T-3 to T+3). Both firms show improved performance in the post-acquisition period (2020-2022), with JP Morgan Chase consistently outperforming Goldman Sachs across all time periods, and both firms reaching peak performance in 2021 (T+2) before declining slightly in 2022 (T+3)

DISCUSSION AND CONCLUSION

The preceding results provide critical insight into how financial leverage, liquidity, and cost-to-income ratios evolve in the context of FinTech acquisitions. This section interprets those findings in light of the broader literature and engages with theoretical and empirical considerations surrounding financial structure, operational control, and strategic post-acquisition performance. The purpose is to synthesize the data-driven observations into a coherent narrative that explains the financial dynamics of FinTech acquisitions and evaluates their broader implications for firm strategy and financial health.

The first notable outcome from the analysis is the consistent increase in financial leverage following acquisitions. Both case firms exhibited a rise in debt-to-equity ratios during the year immediately after acquisition. This pattern suggests a common strategic approach, using debt financing as a primary source of acquisition funding. As Deng, Kang, and Low (2013) explain, debt can serve as a mechanism to maintain control over ownership while leveraging future cash flows to fund expansion. However, the results also reflect the cautions expressed by Agrawal and Jaffe (2000), who warn that elevated leverage levels can constrain managerial flexibility and increase the risk of financial distress if revenue projections are not realized. In this study, the fact that both firms began to reduce leverage by the second post-acquisition year indicates a deliberate effort to rebalance the capital structure. This supports the trade-off theory of capital structure, which posits that firms aim to find an optimal mix of debt and equity by weighing the tax benefits of debt against bankruptcy risks. The initial use of leverage appears to be a tactical decision to access necessary capital quickly, while the subsequent deleveraging reflects a strategic move toward long-term stability. This transition confirms that financial leverage in acquisition scenarios is not static; it is an evolving measure that reflects underlying risk assessment and financial planning capacity.

Equally significant is the pattern observed in liquidity ratios. Both firms entered the acquisition with healthy liquidity levels, suggesting strong working capital policies. However, the sharp drop in current ratios in the first-year post-acquisition underscores the financial stress that often accompanies integration activities. The results corroborate the findings of Zhou and Li (2022), who identified liquidity constraints as a major post-acquisition challenge, particularly in FinTech environments characterized by high regulatory burdens and volatile cash flow cycles. Interestingly, the recovery in liquidity by the third-year post-acquisition signals effective financial management and integration control. This trend is consistent with the research of Akhtar and Nosheen (2022), who emphasize that firms with strong liquidity management systems tend to outperform their peers in post-deal periods. The recovery also indicates that the liquidity pressures experienced were transitional rather than structural, likely tied to early-stage integration costs rather than enduring inefficiencies.

Nevertheless, the temporary decline in liquidity has broader strategic implications. It highlights the necessity of maintaining adequate pre-deal liquidity buffers and reinforces the importance of stress-testing financial models to anticipate post-acquisition volatility. Furthermore, it raises questions about the adequacy of pre-acquisition planning and the degree to which integration strategies account for working capital demands. This insight resonates with Hornuf *et al.,* (2020), who argue that the success of FinTech acquisitions often hinges on how well firms prepare operationally for integration challenges, not just on the financial attractiveness of the deal. Perhaps the most telling results come from the analysis of cost-to-income ratios. Both firms saw their ratios increase post-acquisition, with peaks in the second year followed by modest improvements. This suggests that operational inefficiencies were introduced during the acquisition integration process and persisted beyond the initial transition phase. These findings are in line with Tan, Floros, and Anchor (2017), who noted that integrating digital and financial platforms can disrupt established workflows, inflate support and compliance costs, and prolong operational friction.

The inability to return to pre-acquisition efficiency levels within three years reflects deeper integration challenges. These may include mismatched organizational cultures, difficulties in aligning IT systems, or increased recurring costs from maintaining dual infrastructures. Cosh and Hughes (2008) describe these phenomena as hidden costs of acquisition, expenses that are not fully quantified during pre-deal evaluations but significantly affect post-deal performance. From a strategic standpoint, the findings raise important concerns about the long-term cost implications of FinTech acquisitions. If the anticipated revenue gains do not materialize quickly enough, the cost inefficiencies could erode margins and delay the return on investment.

Another theme that emerges from the data is the synchronization of the three financial indicators over time. Both firms demonstrated an early spike in leverage and cost-to-income ratios, coupled with a dip in liquidity. Over the three-year post-acquisition period, there is a coordinated trend of deleveraging, improving liquidity, and modest cost containment.

This synchronized recovery suggests a cohesive financial management strategy in response to the acquisition. It also validates the conceptual framework adopted in this study—that financial leverage, liquidity, and cost-to-income are interrelated dimensions of financial health that must be analyzed together for a holistic understanding of acquisition outcomes. However, it is essential to acknowledge that while financial indicators offer valuable insight into acquisition performance, they do not capture all dimensions of success. For instance, strategic acquisitions may prioritize long-term positioning over immediate profitability. This is particularly true in FinTech, where acquisitions are often motivated by access to technology, talent, or new customer segments rather than short-term cost savings. In such cases, a temporary decline in financial ratios may be acceptable if it supports strategic objectives. Akhtar and Nosheen (2022) argue that acquisition performance should be evaluated through a multi-layered lens, combining financial data with strategic, operational, and innovation metrics.

Moreover, sector-specific factors play a role in shaping acquisition outcomes. FinTech is inherently more volatile and innovation-driven than traditional industries. This affects both revenue predictability and cost structures, making financial ratio targets more fluid. Akyildirim *et al.,* (2021) point out that firms operating in the digital finance ecosystem must often sacrifice short-term efficiency for long-term capability development. The results from this study align with that perspective. Although both firms experienced short-term financial strain, their ability to stabilize and improve over three years suggests that the acquisitions were not fundamentally flawed but required longer ramp-up periods.

The study also highlights the importance of timing in evaluating acquisition outcomes, and assessing performance too soon after acquisition may yield misleading conclusions. As the results show, the first-year post-acquisition often reflects financial strain due to transition costs, while the second and third years capture recovery and stabilization. King *et al.,* (2004) caution against drawing firm conclusions based on short-term post-acquisition data, advocating instead for performance evaluations that span multiple years. The current study reinforces this approach by illustrating how trends evolve and gradually reflect underlying strategic coherence or misalignment. Finally, the discussion underscores the value of financial ratio analysis as a diagnostic tool. While ratios alone do not explain causality, they reveal patterns that prompt deeper inquiry into operational and strategic dynamics. For instance, a rising cost-to-income ratio may prompt investigations into process redundancy or pricing models. A declining liquidity ratio may signal working capital inefficiencies or delayed revenue realization. A spike in leverage may trigger reassessments of capital planning or debt servicing capacity. When used in combination, these ratios form a diagnostic triad that enhances financial oversight and strategic planning.

In summary, the discussion affirms that financial leverage, liquidity, and cost-to-income ratios are potent tools for evaluating the financial implications of FinTech acquisitions. They reveal how firms respond to the financial demands of integration, how efficiently they manage operations post-deal, and how they balance short-term strain with long-term positioning. The results suggest that while acquisitions introduce short-term financial challenges, firms that actively manage these challenges through disciplined financial planning and integration control can achieve stabilization within three years. The study contributes to existing literature by offering a multidimensional evaluation framework grounded in empirical data and strategic interpretation.

CONCLUSION

This study explored the financial outcomes of FinTech acquisitions through a focused analysis of three key financial ratios: financial leverage, liquidity, and cost-to-income. By evaluating these indicators across two case firms before and after their respective acquisitions, the study provided a data-driven view of how strategic corporate actions influence financial health and operational dynamics over time.

The findings demonstrated that acquisitions often result in immediate but manageable increases in financial leverage, as firms utilize debt to finance the transaction. Both case firms exhibited temporary leverage peaks followed by a trend toward deleveraging, indicating strategic capital restructuring post-acquisition. Liquidity also showed a predictable pattern, with current ratios declining in the year immediately following acquisition due to integration costs, then gradually recovering as operational control stabilized. Similarly, cost-to-income ratios increased significantly post-acquisition, reflecting the operational friction and transitional inefficiencies inherent in integration processes. Although modest improvements occurred in the third year, pre-acquisition efficiency levels were not fully restored, underscoring the long-term nature of operational alignment.

Taken together, these results suggest that while FinTech acquisitions introduce short-term financial pressure, firms with strong financial

governance and realistic integration strategies can stabilize within a medium-term window. The combined use of leverage, liquidity, and cost-efficiency indicators offers a comprehensive framework for evaluating such transitions.

REFERENCES

- Agrawal, A., & Jaffe, J. F. (2000). The post-merger performance puzzle. In C. Cooper & A. Gregory (Eds.), Advances in Mergers and Acquisitions (pp. 7–41). Emerald Group Publishing Limited.
- Akhtar, M. F., & Nosheen, M. (2022). The impact of FinTech on financial performance: Evidence from financial institutions in emerging economies. International Journal of Emerging Markets, ahead-of-print.
- Akyildirim, E., Corbet, S., Lucey, B., Peat, M., & Sensoy, A. (2021). FinTech and the future of financial services: What are the research gaps? Research in International Business and Finance, 57, 101391.
- Cosh, A., & Hughes, A. (2008). Takeovers after takeovers: Who gains and who loses? The Journal of Business Finance & Accounting, 35(9–10), 1236–1269.
- Deng, X., Kang, J.-K., & Low, B. S. (2013). Corporate social responsibility and stakeholder value maximization: Evidence from mergers. Journal of Financial Economics, 110(1), 87–109.
- Hornuf, L., Klus, M. F., Lohwasser, T. S., & Schwienbacher, A. (2020). How do banks interact with FinTech start-ups? Small Business Economics, 54, 75–96.
- King, D. R., Dalton, D. R., Daily, C. M., & Covin, J. G. (2004). Meta-analyses of post-acquisition performance: Indications of unidentified moderators. Strategic Management Journal, 25(2), 187–200.
- Kristanto, A., & Soeling, P. (2022). The role of financial ratios in predicting post-merger performance: Evidence from ASEAN countries. Journal of Finance and Banking Review, 7(2), 9–21.
- Patrick, P. K., Pingle, S., & Pingle, V. (2022). Mergers and acquisitions: A case study approach. Routledge.
- Rickinghall, L. (2022). The failure of ROE: Reassessing performance measurement in the digital age. Journal of Financial Perspectives, 10(1), 44–60.
- Tan, Y., Floros, C., & Anchor, J. (2017). The profit–efficiency relationship in the Chinese banking sector: A panel data approach. Journal of Economic Studies, 44(6), 965–982.
- Zhou, S., & Li, K. (2022). Financial interlinkages and systemic risk transmission: Evidence from global FinTech firms. International Review of Financial Analysis, 82, 102123.