

AN ASSESSMENT STUDY TO REVEAL THE CORRELATION BETWEEN WORKPLACE DIVERSITY & INNOVATION PERFORMANCE

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Submitted July 11, 2025; Revised December 6, 2025; Accepted December 13, 2025; Published February 20, 2026

ABSTRACT

This study looks into how workplace diversity affects innovation performance in Pakistani commercial banks. In the context of commercial banking, the research seeks to determine organizational elements that support or obstruct the relationship between demographic, cognitive, and functional diversity and innovation processes and outcomes. The interview data was interpreted using thematic analysis, which highlighted important themes including the contribution of diversity to innovative problem-solving, creativity, and teamwork. The results show that workplace diversity has complicated, conditional effects on innovation performance. When paired with inclusive leadership and representational influence, demographic diversity fosters market-centric innovation; yet, this requires shared accountability and integrative structures. In order to translate diversity into innovative outcomes, leadership inclusivity and culture were found to be essential mediating elements. These observations highlight the fact that diversity on its own is insufficient and that how it is integrated and handled within institutional frameworks determines its influence.

Keywords: Workplace Diversity, Assessment, Innovation Performance, Correlation

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INTRODUCTION

Diversity is increasingly recognized as a strategic resource in modern organizations, with its significance growing over the past few decades due to heightened globalization and dynamic labor markets. This shift is particularly evident in the banking sector of emerging economies like Pakistan. Factors such as socio-economic development, regulatory reforms, technological

advancements, and evolving societal attitudes towards inclusion and equity have significantly transformed the demographic and professional structure of banking workforces [1]. In this evolving landscape, diversity is no longer merely a compliance or ethical obligation; it has become a critical factor influencing organizational performance and competitiveness. The banking sector, known for its knowledge-

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intensive nature, demonstrates that diversity fosters creativity, learning, and flexibility, thereby enhancing innovation performance. Innovation, characterized by the creation and application of new ideas, products, processes, or services, is essential for organizational sustainability and growth. In this context, diversity is seen as a valuable resource that enhances innovation by integrating diverse experiences, perspectives, and cognitive frameworks [2]. Despite the theoretical literature outlining these advantages, empirical evidence in developing environments—specifically within the commercial banking industry in Pakistan—is limited and under-theorized. Consequently, current research aims to explore how various dimensions of diversity can either facilitate or hinder innovation performance in Pakistan's commercial banks. Workplace diversity is a multifaceted concept encompassing three primary dimensions: demographic diversity, cognitive diversity, and functional diversity. Each dimension contributes uniquely yet interrelatedly to the impact of diversity on innovation. Demographic diversity introduces socio-cultural perspectives, while cognitive diversity enhances team problem-solving and decision-making by presenting varied interpretations and solutions. Effective management of diversity can cultivate a learning-oriented culture and enrich human capital. A diverse workforce enhances innovation capacity by providing access to a broader range of knowledge, experiences, and social networks [3-7]. The integration of these theoretical lenses provides a robust framework for evaluating how diversity impacts innovation performance in the banking industry. Despite the wealth of theoretical knowledge available, there is a lack of empirical evidence linking diversity and innovation, particularly in non-Western contexts.

Conversely, some studies highlight potential drawbacks, such as communication barriers, interpersonal conflicts, and low team cohesion, which may impede performance and stifle innovation. This ambiguity is particularly pronounced in highly regulated, hierarchical sectors like banking, where organizational culture and structural constraints can influence the effects of diversity. Therefore, this paper seeks to explore how various dimensions of diversity interact to shape innovation performance among commercial banks in Pakistan. Utilizing a mixed-method research design, the findings indicate that the relationship between diversity and innovation differs across bank archetypes. In the Pakistani academic landscape, the investigation of workplace diversity remains in its infancy [8].

RELATIONSHIP BETWEEN WORKPLACE DIVERSITY AND INNOVATIVE PERFORMANCE

The Resource-Based View (RBV) of the firm and Upper Echelons Theory (UET) are the two main theoretical frameworks that support the relationship between workplace diversity and innovative performance. According to the RBV, businesses can gain sustained competitive advantages by utilizing rare, precious, unique, and non-replaceable resources. Workplace diversity can become a strategic intangible asset that improves an organization's capacity for learning, adaptability, and creativity when it is managed well. In parallel, UET offers a behavioral perspective, suggesting that the demographic and cognitive diversity of top management teams influences organizational decisions and performance outcomes [9]. These two theories converge on the idea that diversity is not only a social construct but also a performance-enhancing feature, particularly in dynamic industries like banking, where knowledge intensity

and environmental uncertainty necessitate innovation. Consequently, the relationship between workplace diversity and innovation performance has been increasingly studied empirically across various contexts, although the findings often yield contextually different and sometimes contradictory results.

Research in developed economies supports the positive impact of diversity on innovation, particularly in industries where intellectual capital and teamwork are crucial. Diverse groups challenge conventional wisdom, introduce non-redundant ideas, and disrupt homogenous cognitive patterns, thereby fostering innovation. However, in the absence of supportive conditions, demographic diversity can lead to interpersonal tensions, communication breakdowns, and decreased cohesion, negatively impacting team performance and innovation [10]. Cognitive diversity, defined as differences in knowledge, perspectives, values, and thinking styles, is another vital dimension. Varied cognitive contributions enable organizations to identify non-obvious opportunities and develop innovative solutions to complex problems. Nevertheless, cognitive diversity may prolong decision-making processes and necessitate more formalized coordination systems. The challenge lies in managing the creative tension brought about by cognitive diversity while maintaining the efficiency needed for effective functioning [11].

With proper management, the costs associated with cognitive diversity can be outweighed by its innovation-enhancing benefits. Functional diversity, defined as variation in professional roles, areas of expertise, and career experiences within a team, has also been linked to innovation performance. For instance, in commercial banking, collaboration among IT experts, marketing professionals, financial analysts,

and customer relationship managers can lead to the development of digital banking solutions and the reengineering of customer service processes. Functional diversity facilitates the integration of specialized knowledge with broader organizational perspectives, enhancing the capacity for experimentation and adaptability. In the absence of effective mechanisms, however, functional diversity can lead to role-based conflicts and directional challenges that hinder innovation. While the potential for diversity to enhance innovation in the workplace is well-theorized, research in developing economies, particularly in South Asia, reveals a more complex scenario. In Pakistan's commercial banking sector, gender norms, age-based seniority, and professional hierarchies can pose structural barriers to inclusive collaboration [12].

Despite the progress banks have made in diversifying their workforce, the underlying organizational culture is often resistant to change, preventing the full realization of diversity's benefits. This disconnect between policy and practice indicates that diversity alone does not guarantee innovation performance; it must be supported by enabling organizational conditions such as inclusive leadership, employee empowerment, and an innovation-friendly climate. Recent qualitative research has begun to uncover the nuanced ways in which diversity impacts innovation in non-Western contexts. Marginalized employees frequently bring perspectives that challenge established routines and propose new practices based on their unique life experiences. However, these contributions can only thrive in an organizational environment that welcomes criticism and change. In rigid, authority-driven cultures, like those often found in South Asian financial institutions, dissenting voices may be marginalized, and new ideas may

struggle to gain traction. This underscores the need to develop context-sensitive models that consider the interplay between diversity, organizational culture, and innovation systems.

The intersectionality of diverse dimensions has become a critical area of study. A cognitively diverse team that lacks functional diversity may generate strong ideas but struggle with execution, highlighting the necessity for complementarity among diversity types. A holistic approach to managing diversity is required, one that acknowledges the interdependence of various diversity attributes and tailors interventions accordingly. This strategy is particularly relevant to the banking industry, which must innovate in terms of idea generation, functional coordination, regulatory compliance, and customer-focused implementation. However, significant research gaps remain. Most existing studies are quantitative and overlook the experiential and processual aspects of how diversity influences innovation. To understand diversity's practical role in innovation, further investigation is needed into daily practices, social interactions, and organizational routines [13]. Current findings are thus geographically and culturally biased, failing to address specific measures of diversity and innovation in non-Western contexts.

Additionally, little attention has been given to the mediating and moderating variables that affect the diversity-innovation relationship. Factors such as leadership style, psychological safety, communication climate, and organizational structure are rarely included in empirical models, despite their proven importance. This research aims to address these gaps by examining how demographic, cognitive, and functional diversity in the workplace affects innovation performance in banks in

Pakistan. Such context-dependent, multi-dimensional inquiries offer a more comprehensive and detailed understanding of how diversity operates within organizations and contributes to innovation outcomes. Furthermore, functional diversity is hypothesized to enhance innovation by facilitating the integration of cross-functional knowledge and interdisciplinary collaboration, contingent upon the organization's promotion of cross-functional integration and mutual respect among groups [14-16]. These hypotheses suggest that diversity is a complex, context-specific driver of innovation, with its impact mediated by internal capabilities and external constraints.

METHOD

Current research primarily employs quantitative methods to examine superficial statistical correlations rather than delving into the intricate processes or lived experiences. Given that commercial banks are vital financial intermediaries and catalysts for economic development in Pakistan, it is crucial to gain a nuanced understanding of the factors that affect their capacity for innovation. Additionally, socio-cultural elements—such as gender norms, inter-generational relationships, and hierarchies—pose unique challenges and opportunities for leveraging diversity as an advantage. These contextual factors further emphasize the necessity for a qualitative, exploratory study to elucidate the complex relationship between diversity and innovation in Pakistan. The central research question focuses on the limited understanding of how different types of workplace diversity influence innovation levels in the commercial banking sector in Pakistan. Furthermore, there is scant knowledge regarding the organizational factors that mediate this relationship, such as leadership style, organizational culture, and internal communication practices. This

research is not only timely but also significant [17-20].

First, it contributes to the existing literature on workplace diversity and innovation by offering empirically grounded insights within a developing-country context. This approach will help define the subtle, process-oriented dynamics that shape the relationship between diversity and innovation in organizations. The study illuminates best practices for managing diversity and innovation strategies, highlighting situations where diversity either fosters or hinders innovation. Diversity is a multifaceted concept encompassing three dimensions: demographic, cognitive, and functional diversity [21, 22].

The study speaks to more general social concerns in Pakistan, where themes of social justice, representation, and inclusion are becoming more and more important. The study identifies the organizational elements that contribute to these dynamics, reveals how demographic, cognitive, and functional diversity affect innovation processes through in-depth qualitative investigation, and looks at how these processes develop in an institutionally and culturally distinctive setting. Consequently, this study not only contributes to theoretical knowledge but also offers useful suggestions for developing more inventive, diverse, and robust banking institutions [23].

RESULTS

The current qualitative research on commercial banking in Pakistan reveals a nuanced, situation-specific relationship between workplace diversity and innovation performance. Analyzing twenty semi-structured interviews thematically uncovers five major themes that illustrate how demographic, cognitive, functional, and organizational diversity can either enhance or restrict innovation levels. These themes

indicate that diversity can drive ideation, problem-solving, and digital transformation, but these benefits materialize only when organizations foster inclusion, accept dissent, and support interdisciplinary collaboration [24].

Recent studies on innovation management highlight demographic diversity as a crucial factor for generating client-relevant, inclusive innovations. Participants noted that disparities in gender, generation, ethnicity, and education can provide organizations with valuable insights that, when effectively leveraged, enhance innovation in customer relations, product development, and service delivery. However, despite these potential advantages, the impact of such diversity remains weak due to entrenched hierarchical patterns, mimetic tokenism, and barriers to participation [25].

Research indicates that cognitive diversity is the most significant factor influencing innovation performance. Respondents commonly reported that exposure to diverse mental models and cognitive frameworks helps challenge conventional assumptions, leading to more creative solutions and robust strategic plans. However, this potential is often stifled by leaders' discomfort with disagreement and the organization's tendency towards conformity [26].

The concept of functional diversity, encompassing regional roles, specific technical expertise, and various career paths, was collectively viewed as both a prerequisite and a challenge in developing innovation performance. Respondents highlighted successful innovations that emerged from cross-departmental projects involving IT, marketing, customer service, and risk management. However, when organizational structures were poorly defined and a common language was

lacking, functional diversity often led to fragmentation rather than synergy [27, 28]. Leadership emerged as a crucial moderator in the relationship between diversity and innovation performance. It was found that inclusive leadership—characterized by open communication, trust, and shared responsibility—was the most significant predictor of effectively converting diverse inputs into meaningful innovation outcomes. In contrast, autocratic and indifferent leadership styles stifled dissent, thereby diminishing the positive impact of diversity on innovation efforts.

The final theme focuses on organizational culture, which shapes whether diversity can enhance innovation. Participants drew stark contrasts between innovation-driven and traditional cultures. The former emphasized psychological safety, continuous learning, and experimentation, while the latter was characterized by strict rules and a fear of risk, which limited innovation [29].

DISCUSSION

The research delineates a complex relationship between diversity and innovation performance in Pakistan's commercial banking sector, highlighting both significant opportunities and persistent challenges. Insights gathered from employees across various banks indicate that, when strategically adopted and managed, diversity can drive enhanced ideation, alternative problem-solving, and a deeper understanding of the market. Participants frequently noted that demographic diversity, particularly in terms of gender and age, introduced varied life experiences and communication styles that fostered more inclusive decision-making [30]. Younger employees often brought technological literacy and a willingness to take risks, while older employees contributed institutional knowledge and procedural depth. However, the existing hierarchical and seniority-based

organizational structures often suppressed the input of younger and junior workers, thereby limiting the innovation potential derived from demographic diversity [31].

Cognitive diversity emerged as the most influential and positively regarded factor affecting innovation outcomes. Respondents emphasized that individuals with varying educational backgrounds, thinking styles, and analytical approaches introduced new ideas that challenged conventional wisdom and encouraged exploration. Teams comprised of strategic thinkers, detail-oriented analysts, and customer-focused individuals were significantly more likely to develop new service offerings and enhance processes. Nevertheless, the benefits of cognitive diversity hinged on the presence of psychological safety and open communication. In many cases, cognitive diversity created tension due to poorly managed divergent opinions or resistance from senior managers towards unconventional ideas. Innovation thrived in units where leadership embraced dissent and actively promoted cultures of inquiry and experimentation [32-35].

Functional diversity was viewed by most participants as a double-edged sword. On the positive side, interdepartmental collaboration was identified as a key driver of creativity, innovation, and streamlined processes in digital banking. Successful projects often resulted from the co-creation of integrated solutions that leveraged diverse expertise and holistic design thinking. Conversely, rigid departmental silos, inconsistent terminology, and inadequate collaborative infrastructure were cited as significant barriers. The absence of coordinating mechanisms for functional diversity often led to confusion, duplication of efforts, and interpersonal conflicts. Participants stressed that while functional diversity was valuable, it required shared

objectives, clearly defined roles, and collaborative project leadership to enhance innovation performance.

Leadership played a crucial role as an organizational moderator in the diversity-innovation nexus. The findings underscored the importance of inclusive leadership in harnessing diversity to foster innovation. Managers who sought diverse perspectives, recognized the unique strengths of each team member, and exhibited collaborative behaviors were more effective at driving innovation. Conversely, autocratic or indifferent management styles stifled open communication, marginalized minority voices, and enforced conformity [36].

Organizational culture played a significant role in shaping the effects of diversity on innovation. Innovation-driven cultures that were open, experimental, and featured constructive feedback loops enhanced the advantages of diversity. In contrast, less progressive and inflexible cultures often rendered even the most well-intentioned diversity programs tokenistic, resulting in negligible impact on innovation outcomes. The effectiveness of diversity in promoting innovation varied among banks, influenced by factors such as institutional size, management philosophy, technological maturity, and strategic orientation. Banks that integrated formal diversity and inclusion strategies into their innovation frameworks, with active HR practices focused on diverse hiring and team building, demonstrated a stronger connection between diversity and innovation performance. Conversely, institutions that viewed diversity merely as a compliance issue or a public relations initiative saw minimal returns in innovation, highlighting the necessity of aligning diversity values with innovation goals [37]. Overall, research indicates that diversity in the workplace—encompassing demographic, cognitive, and functional

aspects—has significant potential to foster innovation within the Pakistani commercial banking sector. However, this potential does not manifest automatically; it relies on contextual enablers such as inclusive leadership, cross-functional coordination, psychological safety, and strategic alignment. Cognitive diversity often generated tension due to poorly managed divergent opinions or resistance from senior managers toward unconventional ideas. A lack of organizing mechanisms for functional diversity led to confusion, duplication, and interpersonal conflict. Superficial or unsupported diversity initiatives could create tension, misunderstanding, and inefficiency, undermining innovation. The benefits of diversity, however, depended on the presence of psychological safety and open communication. When integrated into a culture that values diverse perspectives and encourages experimentation, diversity can effectively drive creative thinking and competitive differentiation.

CONCLUSION

Several suggestions are made in light of these findings: (1) Banks ought to fund leadership development programs that prioritize inclusive leadership abilities including empathy, active listening, cultural intelligence, and conflict resolution. (2) By creating comprehensive diversity and inclusion programs that are in line with innovation goals, such as varied hiring practices, cross-functional team compositions, and performance incentives based on innovation, HR departments must go beyond symbolic diversity initiatives. (3) Banks should establish formal mechanisms for cross-functional collaboration, such as innovation task forces, interdepartmental workshops, and shared digital platforms to facilitate exchange.

This research contributes to the expanding understanding of the relationship between

diversity and innovation in non-Western contexts by offering empirical insights into the roles of cultural, institutional, and organizational factors. It challenges the assumption of a direct causal link between diversity and innovation, emphasizing the importance of context-specific enablers.

Practically, the findings provide actionable recommendations for banking executives, human resource managers, and innovation planners seeking to leverage diversity effectively. Diversity should not be viewed as an end goal, but rather as a strategic tool that can be harnessed through informed organizational decisions.

For policymakers and regulators, the research suggests that promoting diversity requires simultaneous cultural shifts and the encouragement of innovation-oriented behaviors through rewards. As the Pakistani banking industry evolves amid technological disruption and changing consumer expectations, the ability to harness diversity for innovation will be crucial for resilience and differentiation. This research lays the groundwork for future studies and practices aimed at fostering inclusive, dynamic, and innovation-capable organizations.

Author(s) Contribution: Analysis, M. Sana; resources data, H. Siraj; review, U. Rooh, proof-reading, K. Rishma.

Funding: No funding involved.

Ethical Approval: Not applicable

Conflict of Interest: Nil.

Consent for Publication: All authors approved the manuscript for publication.

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