

Examining The Role of Innovation in Enhancing Technological Capability in Organizational Performance Using Structural Equation Modeling (Case Study: Agricultural Bank of Tehran)

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1. Round 1

1.1. Reviewer 1

Reviewer: The article is well-structured, and the research is methodologically sound. However, it would benefit from a broader data collection method and a more diverse sample to enhance the generalizability of its findings. The implications for practice are clear and provide valuable guidelines for managers in the banking sector.

1. Objectives and Scope:

- The study aims to explore the relationship between innovation and technological capabilities in organizational performance, specifically in the context of the Agricultural Bank of Tehran. This objective is relevant and timely, considering the increasing role of innovation in banking.

2. Methodology:

- The research employs structural equation modeling, which is appropriate for the type of data and the research questions. However, the choice of only using a researcher-made questionnaire could limit the breadth of data. Further, the study's cross-sectional nature may not capture dynamic changes over time.

3. Sample and Data Collection:

- The sample size of 217 is adequate for statistical analysis. However, the study's focus on a single organization might limit the generalizability of the findings to other contexts or industries.

4. Analysis and Findings:

- The analysis is thorough, and the use of SMART-PLS for structural equation modeling is well-justified. The findings provide insightful correlations between various types of stimuli, innovation, technological capabilities, and organizational performance.

5. Contribution to Literature:

- The study contributes valuable insights to the field of innovation management, particularly in the banking sector. It extends existing literature by focusing on both open and closed innovations and their differential impacts.

Response: Revised.

1.2. Reviewer 2

Reviewer: Overall, the article is a valuable contribution to the field of innovation and technology management in banking. It would benefit from a broader theoretical scope and a more diverse methodological approach to enhance its applicability and depth.

1. The article addresses a crucial aspect of business management, linking innovation with technological capabilities in a banking context. However, the rationale for choosing the Agricultural Bank of Tehran as the sole focus could be more explicitly justified, given its unique market and regulatory environment.
2. The theoretical underpinnings, particularly the differentiation between open and closed innovation, are well-articulated. Nonetheless, the integration of these concepts with technological capabilities could be more robust, possibly including more diverse theoretical perspectives.
3. While the use of structural equation modeling is appropriate, the research design seems to lack a qualitative component that might provide deeper insights into managerial perceptions and decision-making processes.
4. The findings are clearly presented and indicate significant relationships between the studied variables. However, the discussion could benefit from a more critical examination of how these findings align or contrast with existing literature, especially in non-banking sectors.
5. The study's limitations are acknowledged, particularly its focus on a single organization. Additionally, potential biases inherent in the survey method and the respondents' perspectives are not thoroughly examined.

Response: Revised.

2. Revised

Editor's decision after revisions: Accepted.

Editor in Chief's decision: Accepted.