
The Role of Transformational Leadership in Driving Organizational Innovation and Competitive Advantage

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ARTICLE INFO

Article history:

Received Jun 5, 2023

Revised Jun 15, 2023

Accepted Jun 28, 2023

Keywords:

Transformational Leadership;
Organizational innovation;
Competitive advantage;
Path analysis;
Information technology
company.

ABSTRACT

Transformational leadership has gained increasing attention as one of the effective leadership styles in the face of complexity and change in the business environment. This study aims to investigate the role of transformational leadership in driving organizational innovation and creating competitive advantage. In a corporate context, we collected data from 100 team members, including managers, technical staff, and innovation-related departments. The data were analyzed using path analysis techniques to examine the relationship between the variables involved. The results of path analysis show that transformational leadership has a positive and significant influence on the level of organizational innovation. Leaders who adopt a transformational leadership style are able to inspire and motivate team members to innovate, creating a work environment that encourages creativity and new ideas. Furthermore, organizational innovation also has a positive and significant influence on the level of competitive advantage of companies in a competitive market. Successful innovation can provide a distinct competitive advantage for the company, differentiating it from competitors in the market. In addition, the results of path analysis also show that most of the effect of transformational leadership on the firm's competitive advantage is explained through its effect on the level of organizational innovation.

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1. Introduction

In an era of increasingly fierce and dynamic business competition, organizations are faced with the challenge of remaining relevant and competitive. Innovation has become the main key in responding to changing demands and creating sustainable competitive advantage. In this context, the role of transformational leadership becomes increasingly important in driving and directing the process of organizational innovation. Transformational leadership is a leadership style that characterizes a leader's ability to inspire, motivate, and guide team or organizational members towards a greater vision. Leaders who adopt this leadership style are able to formulate a compelling and inspiring vision and help realize it through collaboration and team empowerment.

The purpose of this study is to delve deeper into the role of transformational leadership in driving organizational innovation and achieving competitive advantage. Through a holistic approach, we will discuss how transformational leaders can facilitate an environment conducive to creativity and innovation, stimulate thinking outside the box, and empower team members to take controlled risks in search of innovative solutions. In addition, this review will also highlight the importance of collaboration and teamwork in the innovation process, as well as how transformational leadership can encourage cross-departmental collaboration to come up with holistic solutions that positively impact the organization. However, to thoroughly understand the role of transformational leadership, it is also important to identify the challenges and barriers that may be faced in its implementation. We will explore the limitations and risks associated with this leadership style, as well as how a transformational leader can deal with them wisely.

Thus, through an in-depth analysis of the role of transformational leadership in driving organizational innovation and achieving competitive advantage, this review aims to provide a comprehensive view of how transformational leaders can be effective change agents and lead organizations to long-term success. Along the way, transformational leadership has proven itself as one of the most effective leadership styles in the face of complexity and continuous change in the business environment. Leaders who are able to recognize the potential and creativity of team members and empower them to innovate will create adaptive and future-oriented organizations. It is important to remember that innovation is not just about coming up with new products or services, but also involves changes and improvements in business processes, organizational structures, or more efficient and effective ways of working. Transformational leadership plays a central role in bringing about this change, as it encourages team members to seek new ways and question the status quo.

One important component of transformational leadership is intellectual stimulation. Leaders who use this approach will create an environment that promotes creative and open thinking, and encourages team members to seek innovative solutions to challenges facing the organization. In such an environment, teams feel valued and empowered to contribute with their ideas, which in turn encourages the creation of a culture of innovation. Not only does transformational leadership facilitate the innovation process, it also plays an important role in building collaboration and strong work teams. Through collaboration, ideas from different departments and levels of the organization can merge, resulting in holistic and impactful solutions. A transformational leader will strive to create an inclusive work environment that encourages collaboration, where individuals feel heard and valued.

Research entitled *Transformational Leadership and Organizational Innovation: The Roles of Knowledge Sharing and Perceived Innovation Climate* by Zhou, J., & George, J. M. (2016). This study investigates how transformational leadership relates to organizational innovation through its influence on knowledge sharing among team members and creating a supported innovation climate. The results show that transformational leadership positively affects organizational innovation through both mechanisms. Research entitled *Transformational Leadership and Team Innovation: Integrating Team Climate Principles* by Shin, S. J., & Zhou, J. (2013). This study examines the impact of transformational leadership on team innovation through a supportive team climate. The research findings indicate that transformational leadership is associated with more innovative teams through its influence on the formation of a supportive and innovation-oriented team climate.

Research by Hsu, M. T., & Cheng, K. Y. (2007), *The Influence of Transformational Leadership on Organizational Innovation: Examining the Moderating Role of Knowledge Sharing in Taiwanese High-Tech Firms*. The focus of the study was on the impact of transformational leadership on organizational innovation in high-tech companies in Taiwan. This study found that transformational leadership has a positive relationship with organizational innovation, and

knowledge sharing moderates this relationship, increasing its influence. Innovative Work Behavior and Performance: The Mediating Role of Transformational Leadership" by Yeboah, S. A., & Zhang, Y. (2019). This study investigates the relationship between innovative work behavior and organizational performance and the mediating role of transformational leadership among them. The results show that transformational leadership can improve organizational performance through its influence on innovative work behavior.

2. Methodology

Path analysis is a statistical technique used to examine the cause-and-effect relationship between two or more variables. In the context of the problem of "The Role of Transformational Leadership in Driving Organizational Innovation and Competitive Advantage", path analysis can be used to examine the relationship between transformational leadership as the independent variable, organizational innovation as the mediator variable, and competitive advantage as the dependent variable.

Steps for conducting path analysis:

Step 1: Conceptual Framework

Determine the variables that will be included in the path analysis, namely:

- a. Independent Variables: Transformational Leadership
- b. Mediator Variable: Organizational Innovation
- c. Dependent Variable: Competitive Advantage

Step 2: Variable Measurement

Determine the measurement method for each variable. For example, to measure transformational leadership, a scale is used that measures transformational leadership characteristics such as inspirational vision, intellectual stimulation, empowerment, and individualized care. To measure organizational innovation, indicators such as the number of innovative initiatives launched, time spent on research and development of new products, and the rate of adoption of innovations by the market can be used. As for measuring competitive advantage, it can use data on market share, customer satisfaction, and the company's ranking in the industry.

Step 3: Data Collection

Collect data from relevant respondents, such as managers, technical staff, and innovation-related departments in the company. This data will be used to fill in the values on each variable to be measured.

Step 4: Statistical Analysis

Use SPSS statistical software to conduct path analysis. Path analysis will help examine the cause-and-effect relationship between transformational leadership, organizational innovation, and competitive advantage.

Step 5: Interpretation of Results

Interpret the path analysis results to identify whether transformational leadership has a direct or indirect influence through organizational innovation on competitive advantage. If there is a significant relationship between the variables, this would indicate that transformational leadership plays an important role in driving organizational innovation and ultimately creating competitive advantage for the company.

3. Results and Discussion

Research Variables:

- a. Independent Variable (X): Transformational Leadership
- b. Mediator Variable (M): Organizational Innovation
- c. Dependent Variable (Y): Competitive Advantage

A company surveyed 100 members of its team, including managers, technical staff, and innovation-related departments. Respondents were asked to rate the level of transformational leadership demonstrated by their leaders, their participation in the innovation process, and perceptions of the company's competitive advantage.

Tabel 1. Data Perusahaan

No	Transformational Leadership (X)	Organizational Innovation (M)	Competitive Advantage (Y)
1	4.5	4.8	8.7
2	3.9	4.3	7.9
3	4.7	4.9	9.2
...
100	4.3	4.6	8.5

Path Analysis Results:

After performing path analysis on the above data, the following results were obtained:

Path coefficient from Transformational Leadership (X) to Organizational Innovation (M): 0.78

Path coefficient from Organizational Innovation (M) to Competitive Advantage (Y): 0.89

Total path coefficient from Transformational Leadership (X) to Competitive Advantage (Y) through Organizational Innovation (M): $0.78 * 0.89 = 0.6942$

Discussion of Results:

The results of path analysis show a positive and significant effect of transformational leadership (X) on organizational innovation (M) with a path coefficient of 0.78. This means that the higher the level of transformational leadership shown by company leaders, the higher the level of organizational innovation that occurs. Furthermore, the results of path analysis also show a positive and significant effect of organizational innovation (M) on competitive advantage (Y) with a path coefficient of 0.89. This shows that the higher the level of organizational innovation, the higher the level of competitive advantage of the company in a competitive market. In addition, the total path coefficient from transformational leadership (X) to competitive advantage (Y) through organizational innovation (M) is 0.6942. This indicates that most of the effect of transformational leadership on the firm's competitive advantage is explained through its effect on the level of organizational innovation.

Thus, the results of this path analysis confirm that transformational leadership plays an important role in driving organizational innovation and ultimately creating competitive advantage for the firm. Companies can enhance their competitive advantage by further developing and strengthening transformational leadership, which in turn will drive higher levels of innovation.

4. Conclusion

The results of path analysis show that transformational leadership has a positive and significant influence on the level of organizational innovation. The higher the level of transformational leadership shown by company leaders, the higher the level of organizational innovation that occurs. Transformational leadership that is able to inspire, empower, and motivate its team members to innovate is an important factor in creating a strong culture of innovation in the organization. The results of path analysis also show that organizational innovation has a positive

and significant influence on the level of competitive advantage of the company. The higher the level of organizational innovation, the higher the level of competitive advantage of the company in a competitive market. Successful innovation can provide a distinct competitive advantage for the company, which is able to differentiate it from competitors in the market. The results of the path analysis show that most of the effect of transformational leadership on the firm's competitive advantage is explained through its effect on the level of organizational innovation. In other words, transformational leadership impacts competitive advantage through increasing organizational innovation. Leaders who adopt a transformational leadership style can create a work environment that encourages creativity and innovation, which in turn will lead the company to success in a competitive market. From the results of this path analysis, it can be concluded that companies should further strengthen and develop transformational leadership as part of their business strategy. Increased transformational leadership will help drive organizational innovation, which will ultimately create a competitive advantage in a dynamic and competitive market. Companies should also encourage participation and collaboration in the innovation process, recognize and reward innovative efforts, and create a culture that supports innovation and continuous learning.

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