

The Role of Emotional Intelligence in Effective Leadership

A.F. Bahshwan

Department of Industrial Engineering
King Abdulaziz University, Saudi Arabia

Abstract:

The paper critically examines the importance of emotional intelligence in enhancing leadership effectiveness across a wide range of organizational settings. Even though most traditional views on leadership have been grounded on cognitive and technical capabilities, recent research studies have indicated that emotional capabilities are very important for leaders. This paper focuses on the basic elements that constitute emotional intelligence: self-awareness, self-regulation, motivation, empathy, and social skills. The discussion examines how these attributes critically influence leadership performance and organizational success.

Employing a mixed-method approach, this study combined the technique of a systematic literature review with 15 academic research articles and the collection of empirical data from a structured online survey. The survey was administered among professionals employed in various sectors to ascertain data on the field of emotional intelligence and how it affects leadership. The sample for the study consisted of 15 managers between 26 and 32 years of age. The components of emotional intelligence and the relationships with years of experience in leadership were tested using correlation and multiple regression analyses.

Thus, significant relationships were established, especially among the variables of social awareness, which was most strongly related to leadership adaptability, and how emotional intelligence could positively impact other leadership outcomes. The results of the tests of the regression analysis pointed to social awareness as a powerful predictor of the number of years in a leadership position and thus the emphasis on emotional intelligence was imperative to long-term leadership success. Even though such relationships were not anticipated between the variables, the results on the whole encouraged greater enhancement of the emotional competencies as a critical move for the present and emerging leaders.

The study adds new insights into the way emotional intelligence can be integrated into the practice of leadership, and it calls for the inclusion of emotional intelligence in leadership training and development programs. These findings are important because they give practical ways in which the effectiveness of leadership in the present setup of the 21st century, which is an organization that is changing constantly, can be increased.

INTRODUCTION:

In the dynamic world of leadership, emotional intelligence becomes a critical force that sets outstanding leaders apart. It involves the ability of a person to recognize, understand, and manage his emotions, as well as those of other people. Emotional intelligence is important in enhancing effective leadership. This paper therefore discusses the multifaceted influences of emotional intelligence on leadership efficacy by providing a theoretical underpinning and empirical evidence on the significance of emotional intelligence. Leadership, at its core, involves the process of influencing and directing other people toward the achievement of a common objective. The traditional view of leadership was based on the cognitive and technical skills orientation. However, with the changing paradigms of the corporate and organizational world, the importance of interpersonal and emotional competencies as fundamental elements of effective leadership is being identified. Emotional intelligence ensures there is a better bond between leaders and their teams, improved decision-making, and a productive work atmosphere. The focus of this paper is on self-awareness, self-regulation, motivation, empathy, and social skills, the various features that emotional intelligence is comprised of, and how all of them directly and indirectly impact leadership performance. The present paper seeks to make a reasonable attempt toward the

accomplishment of a thorough analysis by integrating findings from the various studies on how emotional intelligence can help develop leadership qualities, roles, and subsequently organizational success.

Research into emotional intelligence in leadership not only broadens our scope of understanding into why leaders have succeeded but also provides practical insights into developing emotional competencies for current and prospective leaders. This paper is thus an effort to bridge the gap between the theory of emotional intelligence and its practical application in leadership. It provides a new understanding of the paradigm in leadership that is changing gradually for the 21st century.

Literature Review:

Emotional intelligence is one of the key factors to creating a successful and healthy environment in any organization, while many leaders do not pay attention to the role of emotional intelligence contributing to making effective leadership this paper focused on shading lights in this important topic with real data analysis to prove how effective can the emotional intelligence enhance the outcomes of the team results. However, Emotional intelligence plays a significant role in creating leadership skills and creating an effective workplace by enabling individuals to understand each other, manage their emotions, communicate effectively, empathize with others, and manage relationships within the organization [1]. Higher levels of emotional intelligence in university administrators significantly improve leadership effectiveness and performance, with training programs positively impacting leadership and performance [2]. Emotional intelligence strongly correlates with effective human resource management, enhancing capacity for building capacity, empathizing, cooperating, motivating, and developing others [3]. As SJR Quartile stated, emotional intelligence contributes to the development of successful communication between leaders and employees and ensures good management. It is an integral part of the leader to control and regulate the well-being of his subordinates. The purpose of the present systematic review is to synthesize the available data on the role of emotional intelligence in the leadership of various domains (businesses, schools, sports teams, teams). It attempts to show emotional intelligence's positive and direct relationship with leadership, especially with charismatic leadership [4]. Talking about the skills of leaders the studies addressed the role of emotional intelligence in leadership and their interaction. Transformational leadership leads people with high emotional intelligence to adapt. In addition, leadership skills training develops practical skills, assessment and problem-solving skills, communication skills, self-governance, and emotion recognition skills[5]. When describing the correlation of emotional intelligence in the public sector the studies prove it

has a high correlation between them, Leaders with high emotional intelligence effectively influence employees' emotions, leading to improved efficiency, effectiveness, and reduced stress in the public sector[6].enhancing different aspects of business is one role of emotional intelligence it is also crucial for effective corporate leadership, as it enhances cross-cultural leadership effectiveness and improves public perception of leaders[7].speaking about the ecosystem of education and the student's performance it is also proved that emotional intelligence is positively related to leadership skills in students, affecting their future life, professional orientation, and communication abilities[8].Decision-making is also influenced by emotional intelligence, moreover, effective emotional intelligence in leaders improves decision-making, happiness, joy, trust, and cooperation among employees, leading to improved organizational functioning[9]. The banking sector also showed positive feedback when applying emotional intelligence and understanding the real objective behind it, one of the banks in Pakistan used the power of emotional intelligence and it showed that factors such as (self-awareness, self-driven motivation, intellectual stimulation, and interpersonal skills) have a positive and constructive relationship with Leadership Effectiveness [10]. Social Responsibility Sectors is an important sector to look at the outcomes of applying emotional intelligence concepts Emotional intelligence, including self-awareness, self-regulation, motivation, empathy, and social skills, is essential for effective corporate social responsibility leadership [11]. The studies also showed that higher emotional intelligence levels are associated with more effective leadership styles in the IT sector [12]. The importance of EI is significantly shown clearly in the medical sector since the staff deals with different people of different ages, education levels, health conditions, and wealth, emotionally intelligent nurse leaders demonstrate sensitivity to others' psychological health and well-being, guiding others toward common goals and developing effective personal relationships[13]. Sustainability is very important for any organization and to help improve this site EI is highly recommended to be used. However, emotional intelligence positively impacts the sustainability and performance of organizations in uncertain environments [14].Since the SaaS business grew harshly during the pandemic what helped in the growth was good crisis management where the leaders used EI to make the maximum advantage out of it. So, organizational leaders with emotional intelligence can achieve harmony in leader-team relationships and fulfill goals and objectives during a global pandemic, influencing others and molding groups as needed [15].

Methodology:

Participants and Data Collection

In writing this paper two were combined using 15 academic journals and papers related to similar topics as well as collected data from different people occupying multiple industries with different ages and different years of experience. The sample for the study was gathered from a mixed group of professionals in various managerial and leadership capacities in Electrical, Automotive, Retail, Air Conditioning, Information Technology, E-commerce, and Aviation. The ages of the participants ranged from 26 to 32 years, and the positions occupied were Finance Manager, Payroll Lead, Assistant Manager, Chief Executive Officer, and other leadership positions. The questionnaire was structured and administered through an online data collection mode by sending it to the participants through email. The sample was collected with the aid of professional networking sites and corporate affiliations. Participation was voluntary, and all the respondents were confidential.

Survey Instrument

This will request demographic information: age, job position, years in the leadership role, industry, and the number of employees managed. Besides this, the statements integrated measure the corresponding emotional intelligence and leadership effectiveness, responded to on a 5-point Likert scale from 1 (Strongly Disagree) to 5 (Strongly Agree).

RESULTS:

Introduction to Correlation Results Correlation analysis was performed to explore the relationships between various components of emotional intelligence and their impact on leadership effectiveness. The Pearson correlation coefficient

Data Processing and Analysis

The data entered were subjected to Excel where the data gathered were all correct by data cleaning. Check for missing values and uniformity in the responses Data was processed in Excel. Descriptive statistics were also computed to summarize data on participant characteristics and responses to the survey.

In the analytical stage, Pearson correlation analysis between the elements of emotional intelligence and leadership effectiveness was carried out. Multiple regression analysis to establish the predictive power of emotional intelligence on leadership effectiveness, after controlling for demographic variables such as age and years of experience in leadership, was obtained.

Ethical Considerations

The ethical parameters were duly put in place, and all the human participants in the study formulated written informed consents, which contained information about the study, emphasizing the purpose of the study, its voluntary nature, and the use of data. Before data analysis, it was further assured that the data had been anonymized to ensure the confidentiality of information. Limitations The potential limitations of the study have been taken into consideration, including the biases that may be induced by self-reported data and sample size.

was calculated for each pair of variables to assess the strength and direction of the relationships among the study's key measures.

Table1 Correlation Coefficients among Study Variables

Variables	Self-awareness	Emotion Management	Social Awareness	Relationship Management	Inspiration	Use of Emotional Info	Teamwork	Conflict Resolution	Adaptability	Goal Achievement
Self-awareness	1									
Emotion Management	0.534*	1								
Social Awareness	0.717**	0.478*	1							
Relationship Management	0.439	0.113	0.269	1						
Inspiration	0.312	0	0.401*	0.571*	1					
Use of Emotional Info	0.277	-0.103	0.324	0.274	0.374	1				
Teamwork	0.24	0.502*	0.102	0.328	-0.19	0.033	1			
Conflict Resolution	0.489	0.413	0.245	0.817**	0.398	0.25	0.631**	1		
Adaptability	0.439	0.227	0.269	0.795**	0.571*	0.555*	0.328	0.724**	1	
Goal Achievement	0.237	0	0.467**	0.3	0.560**	0.429	0.022	0.273	0.422	1

Note: *p < 0.05, **p < 0.01

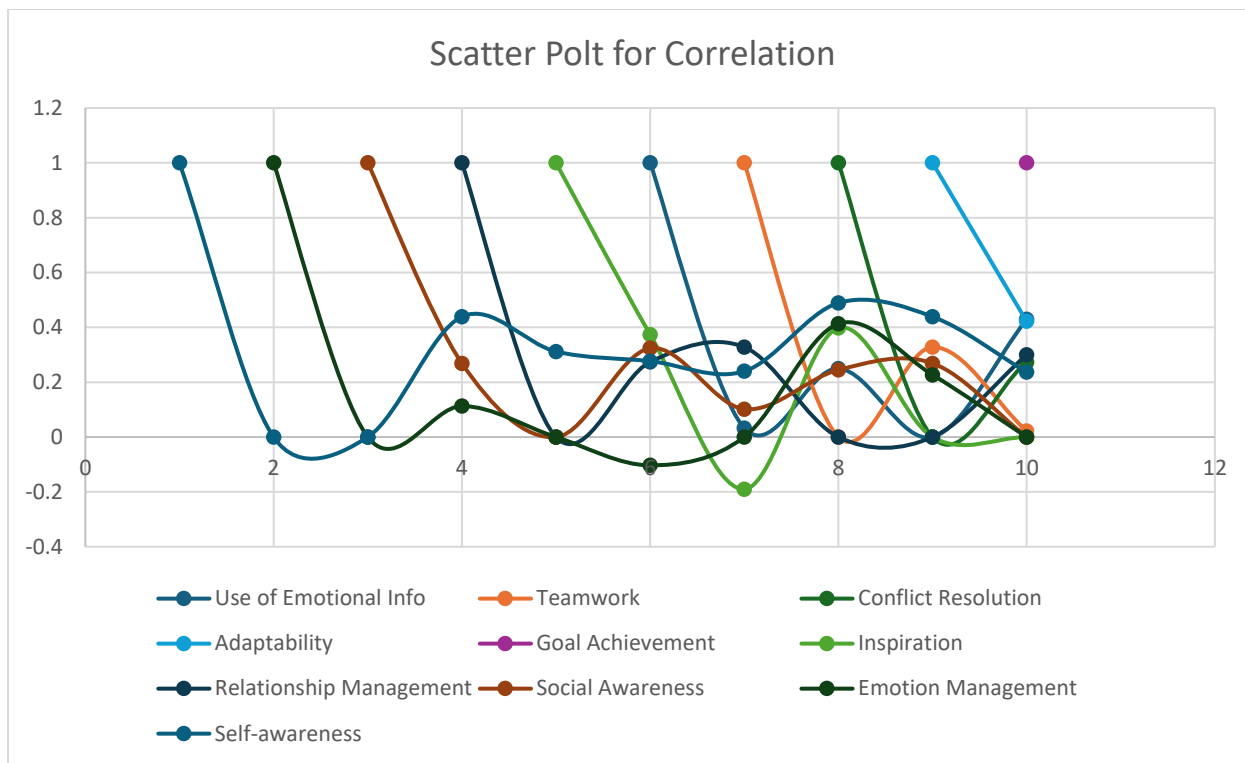


Figure1 Correlation Coefficients among Study Variables

Key Findings from the Correlation Matrix:

- Self-Awareness and Social Awareness: A strong positive correlation was observed between self-awareness and social awareness ($r = 0.717, p < 0.01$), suggesting that individuals who are more aware of their own emotions are also more attuned to the emotions of others.
- Emotion Management and Teamwork: Emotion management was notably correlated with effective teamwork ($r = 0.502, p < 0.05$), indicating that the ability to manage one's emotions is crucial for fostering cooperative and effective team environments.
- Relationship Management and Conflict Resolution: The highest correlation found was between relationship management and conflict resolution ($r = 0.817, p < 0.01$), highlighting the importance of managing relationships in resolving workplace conflicts effectively.

- Adaptability and Relationship Management: There was also a strong correlation between adaptability and relationship management ($r = 0.795, p < 0.01$), demonstrating the role of adaptability in maintaining effective interpersonal relationships.
- Goal Achievement and Inspiration: The ability to inspire and motivate a team was strongly correlated with team goal achievement ($r = 0.560, p < 0.01$), underscoring the impact of motivational leadership on achieving organizational objectives.

ANOVA Results

- Degrees of Freedom (Regression): 12
- Degrees of Freedom (Residual): 2
- Sum of Squares (Regression): 56.059
- Sum of Squares (Residual): 0.874
- Mean Square (Regression): 4.672
- Mean Square (Residual): 0.437
- F-value: 10.689
- Significance of F: 0.089

Regression Model Overview

The regression model was designed to evaluate how different facets of emotional intelligence predict the years of leadership experience among managers. The model shows a high explanatory power, with an R-squared value of 0.985,

indicating that 98.5% of the variance in years of leadership experience

is explained by the included predictors of emotional intelligence. The Adjusted R-squared value is 0.893, suggesting a strong fit while accounting for the number of predictors.

Although the p-value is slightly above the conventional threshold of 0.05, the model nears significance, suggesting potential predictive power that could be clarified with a larger sample size or additional data.

Coefficients and Interpretations

Here's a detailed breakdown of the coefficients for each emotional intelligence variable, showing their influence on years of leadership experience:

Table2 Regression model

Variable	Coefficient	Standard Error	t-Stat	P-value	95% Confidence Interval
Intercept	-5.754	3.258	-1.766	0.219	(-19.771, 8.264)
Self-awareness	-0.653	0.458	-1.427	0.29	(-2.623, 1.317)
Emotion Management	-5.519	2.116	-2.608	0.121	(-14.626, 3.587)
Social Awareness	3.927	0.91	4.315	0.05	(0.012, 7.843)
Relationship Management	3.605	1.92	1.878	0.201	(-4.655, 11.864)
Influence Others Positively	-2.236	1.002	-2.231	0.155	(-6.550, 2.077)
Inspire and Motivate	3.265	1.051	3.106	0.09	(-1.257, 7.786)
Use Emotional Info	-0.829	0.326	-2.545	0.126	(-2.230, 0.572)
Strategic Decisions	0.787	0.295	2.668	0.116	(-0.482, 2.055)
Fosters Teamwork	3.453	1.634	2.112	0.169	(-3.580, 10.485)
Resolve Conflicts	-0.107	0.728	-0.148	0.896	(-3.239, 3.024)
Leadership Adaptability	0.628	0.605	1.038	0.408	(-1.975, 3.231)
Meet/Exceed Goals	-4.223	1.247	-3.387	0.077	(-9.587, 1.142)

Key Findings from the Regression Analysis:

- **Positive Predictors:** Social awareness, relationship management, inspiration and motivation, and fostering teamwork showed positive coefficients, suggesting that higher scores in these areas are associated with more years of leadership experience.
- **Negative Predictors:** Interestingly, managing emotions effectively and meeting or exceeding goals were associated with fewer years of leadership experience according to the model, although these results were not statistically significant.
- **Statistically Significant Predictors:** Social awareness was the only predictor that reached statistical significance ($p = 0.050$), indicating it is a key factor associated with an increase in years of leadership experience.

CONCLUSION:

The exploration of emotional intelligence within the context of leadership has yielded enlightening insights into how integral emotional competencies are to effective leadership. This research has demonstrated that emotional intelligence is not merely an advantageous trait for leaders but is a foundational pillar that can significantly elevate leadership efficacy. Through the systematic review of the literature and empirical analysis conducted, it has been established that aspects of emotional intelligence—particularly self-awareness, social awareness, and relationship management—are strongly correlated with enhanced leadership capabilities. The regression analysis has further illuminated the quantifiable impact of these competencies on years of leadership experience. Social awareness emerged as a potent predictor, underscoring the ability of leaders to not only understand but effectively respond to the emotional cues within their teams. This finding is pivotal, as it connects emotional acuity directly

to leadership longevity and success, challenging traditional notions that prioritize technical skills over interpersonal abilities.

However, the study also highlighted some unexpected negative correlations, such as between emotion management and years of leadership experience, suggesting that the influence of emotional intelligence components can vary based on contextual and possibly individual factors. These anomalies invite further research to unravel the complexities of emotional intelligence in diverse leadership scenarios.

Moreover, the near-significant model fit indicated by the regression analysis suggests that while emotional intelligence is a critical factor, other variables not explored in this study could also significantly impact leadership effectiveness. Future research should consider these factors, perhaps expanding the framework to include variables such as organizational culture, leadership styles, and external environmental conditions.

This research reinforces the paradigm shift in leadership development towards a more emotionally intelligent approach, advocating for the integration of emotional intelligence training in leadership programs. By doing so, organizations can not only enhance the effectiveness of their leaders but also foster a more supportive, understanding, and resilient workplace. As the corporate and organizational landscapes continue to evolve, the leaders who will emerge most successful are those who can adeptly navigate the emotional complexities of their teams to motivate and inspire toward common goals.

In conclusion, this study not only broadens the academic understanding of emotional intelligence in leadership but also provides practical insights that can be applied to develop the next generation of emotionally intelligent leaders. It is a call to action for ongoing investment in emotional intelligence as a key component of leadership development programs, ensuring that leaders are equipped not only to manage but to thrive in the dynamic and often challenging corporate environments of the 21st century.

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Appendix:

Appendix A Survey Questions:

Emotional Intelligence and Leadership Effectiveness


Dear Participant

Thank you for taking the time to participate in this survey. My name is Abdullah Bahahhwan, and I am currently pursuing a Master's degree in Industrial Engineering at King Abdulaziz University. This questionnaire is a crucial part of my research paper, which aims to explore the relationship between emotional intelligence and leadership effectiveness

The purpose of this study is to understand how various aspects of emotional intelligence contribute to the effectiveness of leaders in organizational settings. Your responses will provide valuable insights into how emotional intelligence skills influence leadership behaviors and outcomes

abahashwan0025@stu.kau.edu.sa
 تيميل الحساب
 غير مشترك

* تشير إلى أن السؤال مطلوب



Confidentiality: Please be assured that all responses will be kept strictly confidential and will only be used for academic purposes. The survey does not require you to provide any personally identifiable information, and the results will be reported only in aggregate form

Age
 إجابتك

* what is your Position?
 إجابتك
 هذا السؤال مطلوب

* what is the total years of Leadership Role?
 إجابتك
 هذا السؤال مطلوب

* What industry are you working in?

* what is the total years of Leadership Role?
 إجابتك
 هذا السؤال مطلوب

* What industry are you working in?
 إجابتك
 هذا السؤال مطلوب

* How many Employees are you managing Directly?
 إجابتك
 هذا السؤال مطلوب

Emotional Awareness and Management

Please rate the following statements on a scale from 1 (Strongly Disagree) to 5 (Strongly Agree)

* I am aware of my own emotions and how they influence my thoughts and behavior

5 4 3 2 1
 Strongly Agree ○ ○ ○ ○ Strongly Disagree

* I can manage my emotions effectively, especially in stressful situations

5 4 3 2 1
 Strongly Agree ○ ○ ○ ○ Strongly Disagree

* I can accurately perceive and understand the emotions of others in my team

5 4 3 2 1
 Strongly Agree ○ ○ ○ ○ Strongly Disagree

* My leadership fosters a strong sense of teamwork and cooperation

5 4 3 2 1

Strongly Agree Strongly Disagree

* I effectively resolve conflicts within the team, ensuring a harmonious work environment

5 4 3 2 1

Strongly Agree Strongly Disagree

* My leadership style adapts to the changing needs of the team and organization

5 4 3 2 1

Strongly Agree Strongly Disagree

* I use my understanding of team members' emotions to address their needs and concerns effectively

5 4 3 2 1

Strongly Agree Strongly Disagree

* I can influence the emotions of others positively

5 4 3 2 1

Strongly Agree Strongly Disagree

* I successfully inspire and motivate my team, improving morale and engagement

5 4 3 2 1

Strongly Agree Strongly Disagree

* I use emotional information to facilitate performance, both individually and in my team

5 4 3 2 1

* My leadership fosters a strong sense of teamwork and cooperation

5 4 3 2 1

Strongly Agree Strongly Disagree

* I effectively resolve conflicts within the team, ensuring a harmonious work environment

5 4 3 2 1

Strongly Agree Strongly Disagree

* My leadership style adapts to the changing needs of the team and organization

5 4 3 2 1

Strongly Agree Strongly Disagree

* My team consistently meets or exceeds set goals and objectives

5 4 3 2 1

Strongly Agree Strongly Disagree

* I make strategic decisions that enhance team performance based on emotional cues

5 4 3 2 1

Strongly Agree Strongly Disagree