

## Emotional Intelligence, Financing Structure and Performance of Tunisian Firms

MANEL DAHMANI\*  
GHAZI ZOUARI\*\*  
RIM ZOUARI-HADIJI\*\*\*

---

---

### Abstract

Set within the context of theoretical framework of behavioral corporate finance, the present article is designed to investigate the relationship between emotional intelligence and firm performance via the financing structure as applied to the Tunisian context. Our envisaged model is targeted to ensure whether the financing structure does actually stand as a mediating variable between performance and emotional intelligence. Based on a new methodology that applies the Baron and Kenny (1986) devised theory, a number of mediating variables are used to assess the firm's Emotional Intelligence and performance associating relationship. The conducted empirical study is constructed over a sample comprising 56 managers of firms observed over the year 2014. The results of the conducted regressions prove to confirm the persistence of a mediating effect of the financing structure in the relationship between emotional intelligence and the Tunisian firms' performance.

---

---

**JEL Code :** G30, G31, G41

**Keywords :** Emotional Intelligence, Financing, Firm, Performance, Behavioural Finance, Corporate Finance, Tunisia

### I. Introduction

OVER THE LAST decade, extensively elaborated research works have culminated in unveiling and shedding light on a new concept known as "Emotional Intelligence" (now EI), which proves to intervene remarkably misshaping the leader's effectiveness, as a distinctive feature of leadership associated credentials. Review of the relevant literature proves to reveal that the most of elaborated research works (Goleman 1995, Baron (1997) appear to examine the direct relationship persisting between EI leadership and

\* Doctor in Finance, University of Sfax, Faculty of Economic Sciences and Management, Airport Road, km 4.5, PB 1088, Sfax 3018, TUNISIA

\*\* Professor in Financial and Accounting Methods, University of Sfax, Faculty of Economic Sciences and Management, University of Sfax, Airport Road, km 4.5, PB: 1088, Sfax 3018, TUNISIA.

\*\*\* Associate Professor in Financial and Accounting Methods, University of Sfax, Faculty of Economic Sciences and Management, University of Sfax, Airport Road, km 4.5, PB: 1088, Sfax 3018, TUNISIA.

*Submitted March 2017; Accepted April 2019*

namely EI / financing structure / firm performance, could be summarized as follows. Given the fact that the funding structure could act as a mediating variable, an assessment of this mediating effect might be achieved via developing specific models based on particular variables as those selected in this study. In this respect, our reached results turn out to indicate that the EI variable is discovered to be noticeably implicated in determining the mediate effect, in respect of the methodology initiated by Baron and Kenny (1986). Indeed, the incorporation and highlight the mediating variable, i.e., the financing structure, turns out to remarkably improve the explanatory power of the model EI / financing structure / performance.

One the light of these results, one could well note that the mediating variable appears to stand as a more effective predictor of the dependent variable, namely, firm performance. Noteworthy, is that the hierarchical regressions prove to highlight well that the control variables prove to have a significant effect on the financing structure as well as on the firm performance as a whole. Indeed, this angular part allowed us, above all, to undertake an empirically explication of the contrast persistent between what is stipulated and advanced in theory and what is actually observed in practice.

Worth highlighting, also, is the fact that this study has limitations and leaves several questions open – ended, as to about the problematic issue of performance, EI and the funding structure. Indeed, the model should incorporate other variables for a more thorough representation of reality. Finally, consideration for EI as an important human dimension is expected to pave the way and opens new perspectives for the corporate finance area. Above all, one might cite the revival of such issues as those relating to governance mechanisms and value creation, as associated with the ability to develop new investment opportunities or strategies.

## References

Aaron, Cohen A. and M. Abedallah, (2015), "The mediating role of burnout on the relationship of emotional intelligence and self-efficacy with OCB and performance", *Management Research Review*, Vol. 38, No. 1, pp. 2-28.

Ann, E. Feyerherm and Cheryl L. Rice, (2002), "Emotional intelligence and team performance: the good, the bad and the ugly", *The International Journal of Organizational Analysis*, Vol. 10, No. 4, pp. 343-362.

Ann, Rapisarda B., (2002), "The impact of emotional intelligence on work team cohesiveness and performance", *The International Journal of Organizational Analysis*, Vol. 10, No. 4, pp. 363-379.

Azouzi, MA. and A Jarboui, (2013), "CEO emotional intelligence and board of directors' efficiency", *Corporate Governance: The International Journal of Business in Society*, Vol. 13, No. 4, pp. 365-383.

Bar-On R. (1997), *"The emotional quotient inventory (EQ-I): Technical manual. Toronto"*, Multi-Health Systems, Canada.

Baron R.M and D.A. Kenny, (1986), "The moderator-mediator variable distinction in social psychological research: conceptual, strategic and statistical considerations", *Journal of Personality and Social Psychology*, Vol.51, No. 6, pp. 1173-1182.

Côté, S., (2007), "Group Emotional Intelligence and Group Performance", in Elizabeth A. Mannix, Margaret A. Neale, Cameron P. Anderson (ed.) *Affect and Groups, Research on Managing Groups and Teams*, Vol. 10 , pp. 309 – 336.

Dahmani M. (2015), "Bias behavioral, financing structure and performance of Tunisian companies". Master Thesis, FSEG, University of Sfax, Tunisia.

Dahmani M. and Zouari G. (2016), "The Indirect Impact of Overconfidence on The Performance of Tunisian Firms through their Financing Structure", *Financial Risk and Management Reviews*, Vol. 2, No. 1, pp. 26-42.

Daniel j. Svyantek,(2003), "Emotional intelligence and organizational behavior – ii", *The International Journal of Organizational Analysis*, Vol. 11, No. 3, pp. 167-169.

El-Charani, H., (2016), "Exploring the impact of emotional intelligence on portfolio performance: An international exploratory study ", *Humanomics*, Vol. 32 No. 4, pp. 474-497.

Gardner, H., (1983), "Frames of mind: the theory of multiple intelligences", Basic Books, New York, USA.

Gignac G. E., B. R. Palmer, R. Manocha and C. Stough (2005), "An examination of the factor structure of the schutte self-report emotional intelligence (SSREI) scale via confirmatory factor analysis". *Personality and Individual Differences*, Vol.39, pp. 1029-1042.

Goleman D. (1995), "Emotional intelligence", Bantam Books, New York.

Goleman D. (2000), "Emotional intelligence: Issues in paradigm building". In D. Goleman, & C. Cherniss (eds.), *The Emotionally Intelligent Workplace: How to Select for, Measure, and Improve Emotional Intelligence in Individuals, Groups, and Organizations*, Jossey-Bass, San Francisco, California, USA

Heffernan T., O'Neill G., Travaglione T., Droulers M., (2008), "Relationship marketing: The impact of emotional intelligence and trust on bank performance", *International Journal of Bank Marketing*, Vol. 26 No. 3, pp. 183-199.

Higgs M., (2004), "A study of the relationship between emotional intelligence and performance in UK call centres", *Journal of Managerial Psychology*, Vol. 19 No. 4, pp. 442-454.

Igalens and Roussel. (1998), "Human resources management research methods ". Economica, Collection Management Research, Paris, France.

Kerr R, J. Garvin, N. Heaton and E. Boyle, (2006), "Emotional intelligence and leadership effectiveness", *Leadership & Organization Development Journal*, Vol. 27 No. 4, pp. 265-279.

Langhorn S., (2004), "How emotional intelligence can improve management performance", *International Journal of Contemporary Hospitality Management*, Vol. 16 No.: 4, pp. 220-230.

Lillian S., V. Wheeler Jane and S. Amelia, (2009), "The relationship between emotional intelligence and buyer's performance", *Journal of Business & Industrial Marketing*, Vol. 24 No. 3-4, pp. 269-277.

Margaret M. Hopkins, Deborah A. O'Neil, Helen W. Williams, (2007), "Emotional intelligence and board governance: leadership lessons from the public sector", *Journal of Managerial Psychology*, Vol. 22 No. 7, pp. 683-700.

Martinet, (1990), "Epistemologies and management science", Éd. Economica, Paris, France pp.249.

Mayer J. D. and P. Salovey, (1997), "What is emotional intelligence?" in P. Salovey and D. Sluyter (eds) *Emotional Development and Emotional Intelligence: Implications for Educators*, Basic Books, New York.

Mayer, J. D., D. Caruso and P. Salovey, (1999), "Emotional intelligence meets traditional standards for an intelligence", *Intelligence*, Vol.27, pp. 267-298.

Menges JI. and H. Bruch, (2009), "Organizational emotional intelligence and performance: an empirical study", in Charmine E.J. Härtel, Neal M. Ashkanasy, Wilfred J. Zerbe (ed.) *Emotions in Groups, Organizations and Cultures, Research on Emotion in Organizations*, Vol. 5, pp. 181-209.

Modigliani and Miller (1958), "The cost of capital, corporation finance and the theory of investment", *American Economic Review*, Vol. 53, pp. 261-275.

Modigliani and Miller (1963), "Corporate Income Taxes and the Cost of Capital", *The American Economic Review*, Vol. 53, No. 3, pp. 433-443.

Nekhili M., S. Boubaker and F. Lakhil, (2012), "Ownership Structure, Voluntary R&D Disclosure and Market Value of Firms: The French Case", *International Journal of Business*, Vol.17, No.2, pp. 126-140.

Neuberger A. and M. Britten-Jones, (2000), "Option Prices, Implied Price Processes, and Stochastic Volatility", *Journal of Finance*, Vol. 55, No. 2, pp. 839-866.

Salovey P. and J.D. Mayer, (1990), "Emotional Intelligence", *Imagination, Cognition, and Personality*, Vol.9, pp. 185-211.

Schutte N. S., J. M. Malouff, L. E. Hall, D. J. Haggerty, J. T. Cooper, C. J. Golden, and L. Dornheim (1998), "Development and validation of a measure of emotional intelligence", *Personality and Individual Differences*, Vol.25, pp. 167-177.

Strahan P.E. (1999), "Borrower risk and the price and non-price terms of bank loans", Federal Reserve Bank of New York in its series staff reports No. 90.

Wacheux F. (1996), "Qualitative methods and management research", *Economica*, pp. 290.

Zouari G. and R. Zouari-Hadiji, (2013), "Ownership Structure, Innovation and Firm Performance: Evidence from Tunisia", *International Journal of Governance*, Vol.3, N°2, September, pp. 79-107.

Zouari G. and R. Zouari-Hadiji, (2014a), "Directors' Board, R&D Investment and the Firm's Performance: Evidence from the French Case", *Corporate Board: Role, Duties & Composition*, Vol. 10, Issue 2, pp. 85-101.

Zouari G. and R. Zouari-Hadiji, (2014b), "The Indirect Impact of the Board of Directors' Composition on the Firm's Performance: An International Comparison", *Asian Journal of Empirical Research*, Vol. 4, No. 10, pp. 468-487.

Zouari-Hadiji R. and G. Zouari, (2010), "Internal Governance Systems and R&D Investment: An International Comparison", *Corporate Board: Role, Duties & Composition*, Vol. 6, No. 1, pp. 39-56.

**Annexure 1**

## Pearson correlation matrix

	(1)	(2)	(3)	(4)	(5)	(6)	(7)
IE(1)	1						
SELF FININCING (2)	0.293	1					
BANK DEBT (3)	0.186	0.282	1				
BOND DEBT(4)	-0.319	0.214	0.322	1			
EXT CAP(5)	-0.122	0.124	0.161	0.565	1		
TAIL (6)	0.325	0.242	0.342	-0.125	-0.212	1	
SECT(7)	0.225	0.321	0.245	0.367	0.325	0.243	1

Source : Self Computed