

BOARD CHARACTERISTICS AND FIRM PERFORMANCE:
CASE OF SAUDI ARABIA

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Universiti Utara Malaysia

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Master of Science (International Accounting)
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DECLARATION

I certify that the substance of this thesis has never been submitted for any degree and is not currently being submitted for any other qualifications.

I certify that any assistance received in preparing this thesis and all sources used have been acknowledged in this thesis.

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Abstract:

Corporate governance (CG) has been a topic of hot discussion not only in business world but also in academic world. This is all due to its complex and scandalous nature. Therefore it is always important to shed some light academically and perform analysis and autopsy on corporate governance failures such as Commerce Bank (1991) Enron (2001), Adelphia (2002), and World Com (2002).

This study investigates the relationship between the board characteristics (board size, board composition, board meeting, board interlock, CEO age and CEO family) and firm performance (ROA) based on the annual reports of 102 companies listed on the Saudi Market starting from 2010 to 2012. The sample of non-financial firms was collected from Saudi Market (Tadawul) as well as from the director's profile in the annual reports.

The results of this study find that board meeting, board interlock and CEO age have no effect on firm performance in the selected sample while board size has strong positive relationship with firm performance (ROA). In addition, it is also noteworthy to note that the relationship between board composition and CEO family is significant negatively. It is recommended that future research take into consideration the investigation of relationship between corporate governance before issuing the Code of Corporate Governance in Saudi Arabia and after issuing them in order to investigate the differences during longer period.

Keywords: corporate governance, Saudi Arabia, Code on Corporate Governance, firm performance, board characteristics.

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CHAPTER ONE

INTRODUCTION

1.1 Background

Corporate governance (CG) has been a topic of interest all around the world especially in academic circles when some of the corporate scandals and failures came to limelight such as Commerce Bank (1991), Enron (2001), Adelphia (2002) and World Com (2002). Therefore it has been the time of need that corporations had to adopt new business policies and technologies to ensure transparency and accountability. In return this will help attracting investors and capital funds will also help offer financial stability with economic prosperity. No matter how many measures and cautions are taken today's business still operate in competitive and risky environs.

In developed economies there is an academic debate and lot of literature available on the issues pertaining to gap between good and bad corporate governance mechanisms (Shleifer & Vishny, 1997). In order to reduce corporate complexities and minimize corporate governance failure there are many international bodies have been formed for example International Corporate Governance Network (ICGN) and the Organization for Economic Cooperation and Development (OECD). According to report "Principles of Corporate Governance" issued by the OECD issued in 1998 and 2004, corporate governance should focus on the performance of long-term business

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REFERENCES

- Adams, R. B., & Mehran, H. (2005, August). Corporate performance, board structure and its determinants in the banking industry. In *EFA 2005 Moscow meetings*.
- Adams, R. B., & Ferreira, D. (2009). Women in the boardroom and their impact on governance and performance. *Journal of Financial Economics*, 94(2), 291-309.
- Adams, R., Almeida, H., & Ferreira, D. (2009). Understanding the relationship between founder-CEOs and firm performance. *Journal of Empirical Finance*, 16(1), 136-150.
- Agrawal, A., & Knoeber, C. R. (1996). Firm performance and mechanisms to control agency problems between managers and shareholders. *Journal of Financial and Quantitative Analysis*, 31(3), 377-397.
- Amran, N. A., & Che.Ahmad, A. (2009). Family business, board dynamics and firm value: Evidence from Malaysia. *Journal of Financial Reporting and Accounting*, 7(1), 53-74.
- Anderson, R. C., Mansi, S. A., & Reeb, D. M. (2003). Founding family ownership and the agency cost of debt. *Journal of Financial Economics*, 68(2), 263-285.
- Anderson, R. C., Mansi, S. A., & Reeb, D. M. (2004). Board characteristics, accounting report integrity, and the cost of debt. *Journal of Accounting and Economics*, 37(3), 315-342.
- Ashbaugh-Skaife, H., Collins, D. W., & Kinney Jr, W. R. (2007). The discovery and reporting of internal control deficiencies prior to SOX-mandated audits. *Journal of Accounting and Economics*, 44(1), 166-192.
- Barnes, L. B., & Hershon, S. A. (1994). Transferring power in the family business. *Family Business Review*, 7(4), 377-392.
- Barnhart, S. W., & Rosenstein, S. (1998). Board composition, managerial ownership, and firm performance: An empirical analysis. *Financial Review*, 33(4), 1-16.
- Bathala, C. T., & Rao, R. P. (1995). The determinants of board composition: An agency theory perspective. *Managerial and Decision Economics*, 16(1), 59-69.
- Baysinger, B. D., & Butler, H. N. (1985). Corporate governance and the board of directors: Performance effects of changes in board composition. *Journal of Law, Economics & Organization*, 1(1), 101-124.
- Baysinger, B., & Hoskisson, R. E. (1990). The composition of boards of directors and strategic control: Effects on corporate strategy. *Academy of Management Review*, 15(1), 72-87.

- Beasley, M. S. (1996). An empirical analysis of the relation between the board of director composition and financial statement fraud. *Accounting Review*, 443-465.
- Beasley, M., Carcello, J. V., & Hermanson, D. (1999). Fraudulent financial reporting: 1987-1997. *An analysis of US public companies. Committee of Sponsoring Organizations of the Treadway Commission.*
- Becht, F., Macro, G., & Patrick, B. (2002). Corporate governance and control. Working Paper No. 9371. *National Bureau of Economic Research, Cambridge, MA.* 1-128
- Becker, M. H., Maiman, L. A., Kirscht, J. P., Haefner, D. P., & Drachman, R. H. (1977). The Health Belief Model and prediction of dietary compliance: a field experiment. *Journal of Health and Social Behavior*, 18(4), 348-366.
- Bertrand, M., & Mullainathan, S. (2003). Enjoying the quiet life? Corporate governance and managerial preferences. *Journal of Political Economy*, 111(5), 1043-1075.
- Bhagat, S., & Black, B. (2001). Non-Correlation between Board Independence and Long-Term Firm Performance, *The J. Corp. l.*, 27, 231.
- Bloom, N., & Van Reenen, J. (2007). Measuring and explaining management practices across firms and countries. *The Quarterly Journal of Economics*, 122(4), 1351-1408.
- Bonn, I., Yoshikawa, T., & Phan, P. H. (2004). Effects of board structure on firm performance: A comparison between Japan and Australia. *Asian Business & Management*, 3(1), 105-125.
- Booth, J. R., & Deli, D. N. (1996). Factors affecting the number of outside directorships held by CEOs. *Journal of Financial Economics*, 40(1), 81-104.
- Brickley, J. A., & James, C. M. (1987). The takeover market, corporate board composition, and ownership structure: The case of banking. *Journal of Law and Economics*, 30(1), 161-180.
- Brickley, J. A., Coles, J. L., & Jarrell, G. (1997). Leadership structure: Separating the CEO and chairman of the board. *Journal of Corporate Finance*, 3(3), 189-220.
- Brickley, J. A., Coles, J. L., & Terry, R. L. (1994). Outside directors and the adoption of poison pills. *Journal of financial Economics*, 35(3), 371-390.
- Brockmann, E. N., & Simmonds, P. G. (1997). Strategic decision making: the influence of CEO experience and use of tacit knowledge. *Journal of Managerial Issues*, 454-467.

- Burkart, M., Panunzi, F., & Shleifer, A. (2003). Family firms. *The Journal of Finance*, 58(5), 2167-2202.
- Byrd, J. W., & Hickman, K. A. (1992). Do outside directors monitor managers?: Evidence from tender offer bids. *Journal of Financial Economics*, 32(2), 195-221.
- Cadbury, A. (1992). Family firms and their governance: Creating tomorrow's company from today's. *London: Egon Zehnder International*.
- Campbell, J. D., Trapnell, P. D., Heine, S. J., Katz, I. M., Lavallee, L. F., & Lehman, D. R. (1996). Self-concept clarity: Measurement, personality correlates, and cultural boundaries. *Journal of Personality and Social Psychology*, 70(1), 141.
- Carcello, J. V., Hermanson, D. R., Neal, T. L., & Riley, R. A. (2002). Board Characteristics and Audit Fees. *Contemporary Accounting Research*, 19(3), 365-384.
- Carlsson, G., & Karlsson, K. (1970). Age, cohorts and the generation of generations. *American Sociological Review*, 710-718.
- Casares Field, L., Lowry, M., & Mkrтчyan, A. (2013). Are busy boards detrimental?. *Journal of Financial Economics*, 109(1), 63-82.
- Certo, S. T., Daily, C. M., Cannella, A. A., & Dalton, D. R. (2003). Giving money to get money: How CEO stock options and CEO equity enhance IPO valuations. *Academy of Management Journal*, 46(5), 643-653.
- Chaganti, R. S., Mahajan, V., & Sharma, S. (1985). Corporate board size, composition and corporate failures in retailing industry. *Journal of Management Studies*, 22(4), 400-417.
- Cheng, S., Evans III, J. H., & Nagarajan, N. J. (2008). Board size and firm performance: the moderating effects of the market for corporate control. *Review of Quantitative Finance and Accounting*, 31(2), 121-145.
- Chowdary, NV (ed.)(2003). Corporate governance in emerging markets, 1, Corporate Governance, *ICFAI Press Hyderabad*.
- Christiansen, Christopher, (1953). *Management Succession in Small and Growing Enterprises*. Graduate School of Business Administration, Harvard University.
- Claessens, S (2003). Corporate Governance and Development. Global Corporate Governance Forum Acces: May 27, 2012, from [http://www.ifc.org/ifcext/cgf.nsf/AttachmentsByTitle/Focus_1_CG_and_Development/\\$FILE/Focus_1_Corp_Governance_and_Development.pdf](http://www.ifc.org/ifcext/cgf.nsf/AttachmentsByTitle/Focus_1_CG_and_Development/$FILE/Focus_1_Corp_Governance_and_Development.pdf) .

- Conger, J. A., Finegold, D., & Lawler, E. E. (1998). Appraising boardroom performance. *Harvard Business Review*, 76, 136-164.
- Conyon, M. J., & Peck, S. I. (1998). Board size and corporate performance: evidence from European countries. *The European Journal of Finance*, 4(3), 291-304.
- Coles, J. W., & Jarrell N. (2001). An examination of the relationship of governance mechanisms to performance. *Journal of Management*, 27(1), 23-50.
- Core, J. E., Holthausen, R. W., & Larcker, D. F. (1999). Corporate governance, chief executive officer compensation, and firm performance. *Journal of Financial Economics*, 51(3), 371-406.
- Daboub, A. J., Rasheed, A. M., Priem, R. L., & Gray, D. (1995). Top management team characteristics and corporate illegal activity. *Academy of Management Review*, 20(1), 138-170.
- Daily, C. M., & Dollinger, M. J. (1992). An empirical examination of ownership structure in family and professionally managed firms. *Family Business Review*, 5(2), 117-136.
- Daily, C. M., Dalton, D. R., & Cannella, A. A. (2003). Corporate governance: Decades of dialogue and data. *Academy of Management Review*, 28(3), 371-382.
- Dallas, L. L. (2001). Developments in U.S. boards of directors and the multiple roles of corporate boards, *Working Paper, University of San Diego*. 76(5), 1293-1363.
- Dalton, C. M., & Dalton, D. R. (2005). Boards of directors: Utilizing empirical evidence in developing practical prescriptions. *British Journal of Management*, 16(1), 91-97.
- Dalton, D. R., Daily, C. M., Ellstrand, A. E., & Johnson, J. L. (1998). Meta-analytic reviews of board composition, leadership structure, and financial performance. *Strategic Management Journal*, 19(3), 269-290.
- Darwish. (2000). Corporate governance and firm performance. Working Paper, *Georgia State University*.
- Davidson, W. N., Pilger, T., & Szakmary, A. (1998). Golden parachutes, board and committee composition, and shareholder wealth. *Financial Review*, 33(4), 17-32.
- Davis, J. H., Schoorman, F. D., & Donaldson, L. (1997). Toward a stewardship

- theory of management. *Academy of Management Review*, 22(1), 20-47.
- De Andres, P., Azofra, V., & Lopez, F. (2005). Corporate boards in OECD countries: size, composition, functioning and effectiveness. *Corporate Governance: An International Review*, 13(2), 197-210.
- Dehaene, A., De Vuyst, V., & Ooghe, H. (2001). Corporate performance and board structure in Belgian companies. *Long Range Planning*, 34(3), 383-398.
- Development (OECD). Steering Group on Corporate Governance. (2004). *OECD Principles of Corporate Governance 2004*. OECD Publishing.
- Donnelley, R. G. (1988). The family business. *Family Business Review*, 1(4), 427-445.
- Eisenberg, T., Sundgren, S., & Wells, M. T. (1998). Larger board size and decreasing firm value in small firms. *Journal of Financial Economics*, 48(1), 35-54.
- Eisenhardt, K. M. (1989). Agency theory: An assessment and review. *Academy of Management Review*, 14(1), 57-74.
- Erickson, J., Park, Y. W., Reising, J., & Shin, H. H. (2005). Board composition and firm value under concentrated ownership: the Canadian evidence. *Pacific-Basin Finance Journal*, 13(4), 387-410.
- Ertugrul, M., & Hegde, S. (2004). Corporate Governance Scores and Firm Performance. Available at SSRN 686001.
- Fama, E. F., & Jensen, M. C. (1983). Separation of ownership and control. *Journal of law and economics*, 26(2), 301-325.
- Ferris, S. P., Jagannathan, M., & Pritchard, A. C. (2003). Too busy to mind the business? Monitoring by directors with multiple board appointments. *The Journal of Finance*, 58(3), 1087-1111
- Fich, E. M., & Shivdasani, A. (2006). Are busy boards effective monitors?. *The Journal of Finance*, 61(2), 689-724.
- Firth, M., Fung, P. M., & Rui, O. M. (2006). Corporate performance and CEO compensation in China. *Journal of Corporate Finance*, 12(4), 693-714.
- Forbes, D. P., & Milliken, F. J. (1999). Cognition and corporate governance: Understanding boards of directors as strategic decision-making groups. *Academy of Management Review*, 24(3), 489-505.
- Fosberg, R. H. (1989). Outside directors and managerial monitoring. *Akron Business and Economic Review*, 20(2), 24-32.

- Froot, K. A., Scharfstein, D. S., & Stein, J. C. (1992). Herd on the street: Informational inefficiencies in a market with short-term speculation. *The Journal of Finance*, 47(4), 1461-1484.
- Gallo, M. (2005). Independent board directors: How to improve their contribution to the family business. *IESE Business School Discussion Paper*, 38(5) 589-603.
- Gedajlovic, E., Lubatkin, M. H., & Schulze, W. S. (2004). Crossing the threshold from founder management to professional management: A governance perspective. *Journal of Management Studies*, 41(5), 899-912.
- Gedajlovic, E., & Carney, M. (2010). Markets, hierarchies, and families: Toward a transaction cost theory of the family firm. *Entrepreneurship Theory and Practice*, 34(3): 1145–1172.
- Gilson, S. C. (1990). Bankruptcy, boards, banks, and blockholders: Evidence on changes in corporate ownership and control when firms default. *Journal of Financial Economics*, 27(2), 355-387.
- Gladstein, D. L. (1984). Groups in context: A model of task group effectiveness. *Administrative Science Quarterly*, 499-517.
- Godard, L. (2002). La taille du conseil d'administration: déterminants et impact sur la performance. *Revue Sciences de gestion*, 33, 125-148.
- Godard, L., & Schatt, A. (2005). Caractéristiques et fonctionnement des conseils d'administration français. *Revue française de gestion*, 5, 69-87.
- Goodstein, J., Gautam, K., & Boeker, W. (1994). The effects of board size and diversity on strategic change. *Strategic Management Journal*, 15(3), 241-250.
- Gregory, H. J. (2000). The globalization of corporate governance. *Global Counsel*, 5, 52-65.
- Guest, P. M. (2009). The impact of board size on firm performance: evidence from the UK. *The European Journal of Finance*, 15(4), 385-404.
- Guthrie, J. P., & Olian, J. D. (1991). Does context affect staffing decisions? The case of general managers. *Personnel Psychology*, 44(2), 263-292.
- Haleblian, J., & Finkelstein, S. (1993). Top management team size, CEO dominance, and firm performance: The moderating roles of environmental turbulence and discretion. *Academy of Management Journal*, 36(4), 844-863.
- Haniffa, R., & Hudaib, M. (2006). Corporate governance structure and performance of Malaysian listed companies. *Journal of Business Finance &*

Accounting, 33(7-8), 1034-1062.

- Harris, I. C., & Shimizu, K. (2004). Too busy to serve? An examination of the influence of overboarded directors. *Journal of Management Studies*, 41(5), 775-798.
- Hasnah, K. (2009). *The impact of corporate governance and board performance on the performance of public listed companies in Malaysia* (Doctoral dissertation, Ph. D Dissertation, University Sains Malaysia).
- Haunschild, P. R., & Beckman, C. M. (1998). When do interlocks matter?: Alternate sources of information and interlock influence. *Administrative Science Quarterly*, 815-844.
- Hermalin, B. E., & Weisbach, M. S. (2001). *Boards of directors as an endogenously determined institution: A survey of the economic literature* (No. w8161). National Bureau of Economic Research.
- Holmström, B. (1999). Managerial incentive problems: A dynamic perspective. *The Review of Economic Studies*, 66(1), 169-182.
- Hutchinson, M. (2002). An analysis of the association between firms' investment opportunities, board composition and firm performance. *Asia-Pacific Journal of Accounting & Economics*, 9(1), 17-38.
- Ihsan, S. M. (2012). Corporate governance in the Kingdom Saudi Arabia.. *Finance and Administrative Sciences*, 6(2), 16-28.
- Ishak, R., Ismail, K. N. I. K., & Abdullah, S. N. (2012). Corporate performance, CEO power and CEO turnover: Evidence from Malaysian Public Listed Companies. *Jurnal Pengurusan*, 3(5), 33-41.
- Iskander, M., & Chamlou, N. (2000). Corporate governance. *Academy of Management Journal*, 98(3), 844-863
- Jackling, B., & Johl, S. (2010). Board structure and firm performance: Evidence from India's top companies. *Corporate Governance: An International Review*, 17(4), 492-509.
- Jacobs, S. L. (1985). A well chosen outside board gives owners peace of mind. *Wall Street Journal*, 25.
- Jayaraman, N., Khorana, A., Nelling, E., & Covin, J. (2000). Research notes and commentaries CEO founder status and firm financial performance. *Strategic Management Journal*, 12(24), 1215-1224.

- Jensen, M. C. (1993). The modern industrial revolution, exit, and the failure of internal control systems. *The Journal of Finance*, 48(3), 831-880.
- Jensen, M. C., & Meckling, W. H. (1976). Theory of the firm: Managerial behavior, agency costs and ownership structure. *Journal of Financial Economics*, 3(4), 305-360.
- Jiang, Y., & Peng, M. W. (2011). Principal-principal conflicts during crisis. *Asia Pacific Journal of Management*, 28(4), 683-695.
- Jiraporn, P., Davidson, W. N., DaDalt, P., & Ning, Y. (2009). Too busy to show up? An analysis of directors' absences. *The Quarterly Review of Economics and Finance*, 49(3), 1159-1171.
- Kajola, S. O. (2008). Corporate governance and firm performance: The case of Nigerian listed firms. *European Journal of Economics, Finance and Administrative Sciences*, 14, 16-28.
- Kandel, E., & Lazear, E. P. (1992). Peer pressure and partnerships. *Journal of Political Economy*, 100(4), 801-817.
- Kaplan, S. N., & Reishus, D. (1990). Outside directorships and corporate performance. *Journal of Financial Economics*, 27(2), 389-410.
- Karamanou, I., & Vafeas, N. (2005). The association between corporate boards, audit committees, and management earnings forecasts: An empirical analysis. *Journal of Accounting Research*, 43(3), 453-486.
- Khan, A., & Awan, S. H. (2012). Effect of board composition on firm's performance: A case of Pakistani listed companies. *Interdisciplinary Journal of Contemporary Research in Business*, 3(10), 853-863.
- Khanchel El Mehdi, I. (2007). Empirical evidence on corporate governance and corporate performance in Tunisia. *Corporate Governance: An International Review*, 15(6), 1429-1441.
- Khatri, Y., Leruth, L., & Piesse, J. (2002). *Corporate performance and governance in Malaysia* (No. 2002-2152). International Monetary Fund.
- Kiel, G. C., & Nicholson, G. J. (2003). Board composition and corporate performance: how the Australian experience informs contrasting theories of corporate governance. *Corporate Governance: An International Review*, 11(3), 189-205.
- Kien, P., Suchard, J., & Jason, Z. (2004). Corporate governance cost of capital and performance: Evidence from Australian Firms. *Journal of Finance*, 6, 1-28.

- Klein, A. (1998). Firm performance and board committee structure 1. *The Journal of Law and Economics*, 41(1), 275-304.
- Kosnik, R. (1987). Corporate governance; Directors-of-corporations. *Administrative Science Quarterly Journal*, 3(1), 163-185.
- Krivogorsky, V. (2006). Ownership, board structure, and performance in continental Europe. *The International Journal of Accounting*, 41(2), 176-197.
- Kuratko, D. F., & Morris, M. H. (2003). Corporate entrepreneurship: The dynamic strategy for 21st century organizations. *Advances in the Study of Entrepreneurship, Innovation & Economic Growth*, 14, 21-46.
- Kyereboah-Coleman, A., & Biekpe, N. (2006). The link between corporate governance and performance of the non-traditional export sector: evidence from Ghana. *Corporate Governance: The International Journal of Effective Board Performance*, 6(5), 609-623.
- La Porta, R., Lopez-de-Silanes, F., Shleifer, A., & Vishny, R. (2000). Investor protection and corporate governance. *Journal of Financial Economics*, 58(1), 3-27.
- Lansberg, I. S. (1983). Managing human resources in family firms: The problem of institutional overlap. *Organizational Dynamics*, 12(1), 39-46.
- Lasfer, M. A. (2004). On the monitoring role of the board of directors: The case of the adoption of Cadbury recommendations in the UK. *Advances in Financial Economics*, 9, 287-326.
- Lawler III, E. E., Finegold, D. L., Benson, G. S., & Conger, J. A. (2002). Corporate boards: keys to effectiveness. *Organizational Dynamics*, 30(4), 310-324.
- Le Breton-Miller, I. (2005). Managing for the long run: Lessons in competitive advantage from great family businesses. Harvard Business Press, *Journal of Economic Literature*, 43(4), 1219-1247
- Lee, S., & Bozeman, B. (2005). The impact of research collaboration on scientific productivity. *Social Studies of Science*, 35(5), 673-702.
- Lefort, F., & Urzúa, F. (2008). Board independence, firm performance and ownership concentration: Evidence from Chile. *Journal of Business Research*, 61(6), 615-622.
- Levinson, H. (1971). Conflicts that plague family businesses. *Harvard Business Review*, 49(2), 90-98.

- Limpaphayom, J., & Connelly, P. (2006). Board characteristics and firm performance: Evidence from the life insurance industry in Thailand Chulalongkorn. *Journal of Economics*, 16(2), 101-124.
- Lipton, M., & Lorsch, J. W. (1992). A modest proposal for improved corporate governance. *The Business Lawyer*, 59-77.
- Li, X., Low, A., & Makhija, A. K. (2011). Career concerns and the busy Life of the young CEO, 2(4).
- Loderer, C., & Peyer, U. (2002). Board overlap, seat accumulation and share prices. *European Financial Management*, 8(2), 165-192.
- Love, I., & Klapper, L. F. (2002). Corporate governance, investor protection, and performance in emerging markets. *Research Working papers*, 1(1), 1-39.
- Low, C. K. (2002). Corporate Governance: An Asia pacific critique. *Journal of Economic Literature*, 38(4), 1131-1157
- Mace, M. L. (1986). *Directors: Myth and reality*. Cambridge MA: Division of Research, Graduate School of Business Administration, Harvard University.
- Mak, Y. T., & Kusnadi, Y. (2005). Size really matters: Further evidence on the negative relationship between board size and firm value. *Pacific-Basin Finance Journal*, 13(3), 301-318.
- Mak, Y. T., & Li, Y. (2001). Determinants of corporate ownership and board structure: evidence from Singapore. *Journal of Corporate Finance*, 7(3), 235-256.
- Mak, Y. T., & Yuanto, K. (2003). Board size really matters: further evidence on the negative relationship between board size and firm value'. *Pulses by Singapore Stock Exchange*.
- Mallin, C. (2007). Institutional shareholders: Their role in the shaping of corporate governance. *International Journal of Corporate Governance*, 1(1), 97-105.
- Mathiesen, H. (2002). Managerial ownership and financial performance. PhD dissertation, series 18.2002, Copenhagen Business School, Denmark, viewed.
- Mehran, H., Morrison, A., & Shapiro, J. (2011). Corporate governance and banks: What have we learned from the financial crisis?. *FRB of New York Staff Report*, (502).
- Miller, A., Boehlje, M., & Dobbins, C. (2001). Key financial performance measures for farm general managers. West Lafayette, IN: Purdue University Cooperative

Extension Service Publication.

- Millstein, I. M., & MacAvoy, P. W. (1998). Active board of directors and performance of the large publicly traded corporation, *Columbia Law Review*, 98(5), 1283-1322.
- Morck, R. K., Stangeland, D. A., & Yeung, B. (1998). *Inherited wealth, corporate control and economic growth: The Canadian disease* (No. w6814). National Bureau of Economic Research.
- Muth, M., & Donaldson, L. (1998). Stewardship theory and board structure: a contingency approach. *Corporate Governance: An International Review*, 6(1), 5-28.
- Non, M. C., & Franses, P. H. (2007). *Interlocking boards and firm performance: evidence from a new panel database* (No. TI 07-034/2). Tinbergen Institute.
- Ntim, C. G. (2011). Internal corporate governance and firm financial performance: evidence from South African listed firms. *Unpublished doctoral thesis, University of Glasgow*,
- O'Connell, V., & Cramer, N. (2010). The relationship between firm performance and board characteristics in Ireland. *European Management Journal*, 28(5), 387-399.
- OECD 2004, OECD Principles of Corporate Governance, Organization for Economic Co-operation and Development.
- O'Reilly, Charles A., David F. Caldwell, and William P. Barnett. 1989. Work group demography, social integration, and turnover. *Administrative Science Quarterly*, 34,21-3.
- O'Sullivan, N. (2000). The impact of board composition and ownership on audit quality: Evidence from large UK companies. *The British Accounting Review*, 32(4), 397-414.
- Ogbechie, C., Koufopoulos, D. N., & Argyropoulou, M. (2009). Board characteristics and involvement in strategic decision making: The Nigerian perspective. *Management Research News*, 32(2), 169-184.
- O'Reilly III, C. A., Caldwell, D. F., & Barnett, W. P. (1989). Work group demography, social integration, and turnover. *Administrative Science Quarterly*, 34(1), 21-37.
- Othman, O. (2003). Board of directors and financial performance of the Malaysian block holding companies. *DBA thesis, Universiti Sains Malaysia, Penang*.

- Park, Y. W., & Shin, H. H. (2003). Board composition and earnings management in Canada. *Journal of Corporate Finance*, 10(3), 431-457.
- Parker, B. (2005). Board of directors as an endogenously determined institution: A survey of the economic literature. Center for responsible business, *Working Paper Series*, Paper 3.
- Pérez-González, F. (2006). Inherited control and firm performance. *The American Economic Review*, 96(5), 1559-1588.
- Pfeffer, J. (1972). Size and composition of corporate boards of directors: The organization and its environment. *Administrative Science Quarterly*, 17(2), 218-228.
- Prendergast, C., & Stole, L. (1996). Impetuous youngsters and jaded old-timers: Acquiring a reputation for learning. *Journal of Political Economy*, 104(6), 1105-1134.
- Prevost, A. K., Rao, R. P., & Hossain, M. (2002). Board composition in New Zealand: An agency perspective. *Journal of Business Finance & Accounting*, 29(5&6), 731-760.
- Prinz, E. (2006). *Corporate governance and the uncertain role of interlocking directorates: director networks in Germany and their impact on financial performance* (No. 1061001). Université de Bourgogne-Leg (laboratoire d'économie et de gestion)/Fargo (Research center in Finance, organizational ARchitecture and GOvernance).
- Provan, K. G. (1980). Board power and organizational effectiveness among human service agencies. *Academy of Management Journal*, 23(2), 221-236.
- Raheja, C. G. (2005). Determinants of board size and composition: A theory of corporate boards. *Journal of Financial and Quantitative Analysis*, 40(2), 283-306.
- Ramdani, D., & Witteloostuijn, A. V. (2010). The impact of board independence and CEO duality on firm performance: A quantile regression analysis for Indonesia, Malaysia, South Korea and Thailand. *British Journal of Management*, 21(3), 607-627.
- Rechner, P. L., & Dalton, D. R. (1991). CEO duality and organizational performance: A longitudinal analysis. *Strategic Management Journal*, 12(2), 155-160.
- Rhoades, D. L., Rechner, P. L., & Sundaramurthy, C. (2000). Board composition and financial performance: A meta-analysis of the influence of outside directors. *Journal of Managerial Issues*, 7(3), 76-91.

- Rhoades, D. L., Rechner, P. L., & Sundaramurthy, C. (2001). A meta-analysis of board leadership structure and financial performance: are “two heads better than one”? *Corporate Governance: An International Review*, 9(4), 311-319.
- Rice, H., & Alabama, A. (2006). What price greed: An analysis of corporate abuse and mismanagement by fiduciaries. *Global Conference oil Business & Economics*, 3, 1-13.
- Roberts, J., McNulty, T., & Stiles, P. (2005). Beyond agency conceptions of the work of the non-executive director: Creating Accountability in the boardroom. *British Journal of Management*, 16(1), 5-26
- Shah, S. Z. A., Butt, S. A., & Saeed, M. M. (2011). Ownership structure and performance of firms: Empirical evidence from an emerging market. *African Journal of Business Management*, 5(2), 515-523.
- Shakir, R. (2008). Board size, executive directors and property firm performance in Malaysia. *Pacific Rim Property Research Journal*, 14(1), 66-68.
- Shivdasani, A., & Yermack, D. (1999). CEO involvement in the selection of new board members: An empirical analysis. *The Journal of Finance*, 54(5), 1829-1853.
- Shleifer, A., & Vishny, R. W. (1997). A survey of corporate governance. *The Journal of Finance*, 52(2), 737-783.
- Singh, H., & Harianto, F. (1989). Management-board relationships, takeover risk, and the adoption of golden parachutes. *Academy of Management Journal*, 32(1), 7-24.
- Singh, M., & Davidson III, W. N. (2003). Agency costs, ownership structure and corporate governance mechanisms. *Journal of Banking & Finance*, 27(5), 793-816.
- Smith, B. F., & Amoako-Adu, B. (1999). Management succession and financial performance of family controlled firms. *Journal of Corporate Finance*, 5(4), 341-368.
- Spanos, L. J. (2005). Corporate governance in Greece: developments and policy implications. *Corporate Governance*, 5(1), 15-30.
- Sulong, Z., & Nor, F. M. (2010). Corporate governance mechanisms and firm valuation in Malaysian listed firms: A Panel Data Analysis. *Journal of Modern Accounting and Auditing*, 6(1), 1-18

- Sunday, K.O. (2008), "Corporate governance and firm performance: The case of Nigerian listed firms", *European Journal of Economics, Finance and Administrative Sciences*, 14, 16-28.
- Topak, M. S. (2011). The effect of board size on firm performance: Evidence from Turkey. *Middle Eastern Finance and Economics*, 14, 119-127.
- Uma, S. (2003). *Research Methods for Business: A skill building approach*. John Wiley and Sons Inc., New York.
- Uzun, H., Szewczyk, S. H., & Varma, R. (2004). Board composition and corporate fraud. *Financial Analysts Journal*, 33-43.
- Vafeas, N. (1999). Board meeting frequency and firm performance. *Journal of Financial Economics*, 53(1), 113-142.
- Van Ees, H., Postma, T. J., & Sterken, E. (2003). Board characteristics and corporate performance in the Netherlands. *Eastern Economic Journal*, 29(1), 41-58.
- Villalonga, B., & Amit, R. (2006). How do family ownership, control and management affect firm value?. *Journal of Financial Economics*, 80(2), 385-417.
- Vinten, G. (1998). Corporate governance: an international state of the art. *Managerial Auditing Journal*, 13(7), 419-431.
- Weir, C., Laing, D., & McKnight, P. J. (2002). Internal and external governance mechanisms: their impact on the performance of large UK public companies. *Journal of Business Finance & Accounting*, 29(5&6), 579-611.
- Weisbach, M. S. (1988). Outside directors and CEO turnover. *Journal of Financial Economics*, 20, 431-460.
- Yasser, Q. R., Entebang, H., & Mansor, S. A. (2011). Corporate governance and firm performance in Pakistan: The case of Karachi Stock Exchange (KSE)-30. *Journal of Economics and International Finance*, 3(8), 482-491.
- Yermack, D. (1996). Higher market valuation of companies with a small board of directors. *Journal of Financial Economics*, 40(2), 185-211.
- Yim, S. (2010). The acquisitiveness of youth: CEO age and acquisition behavior. *Journal of Financial Economics*.
- Zahra, S. A., & Pearce II, J. A. (1990). Determinants of board directors' strategic involvement. *European Management Journal*, 8(2), 164-173.
- Zahra, S. A., & Pearce, J. A. (1989). Boards of directors and corporate financial

performance: A review and integrative model. *Journal of Management*, 15(2), 291-334.

Zahra, S. A., & Stanton, W. W. (1988). The implications of board of directors composition for corporate strategy and performance. *International Journal of Management*, 5(2), 229-236.