# "VOLUNTARY DISCLOSURE AND OWNERSHIP STRUCTURE AMONG SAUDI ARABIA COMPANIES"

A Research Project (BKAR 5026) Submitted to the Othman Yeop Abdullah Graduate School of

Business (UUM OYA GSB) of

Universiti Utara Malaysia in Partial Fulfillment of the

Requirements for the degree

Of

Master of Science (International Accounting)

By

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# DECLARATION

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# ABSTRACT

This paper examines the effect of corporate governance characteristics (ownership structure) on the extent of voluntary disclosure in the financial reports among non-financial listed companies in Saudi Arabia. Currently, there is a growth in demands by stakeholders for companies to demonstrate greater transparency on their performance. However, few studies have been conducted in Saudi Arabia on the area of voluntary disclosure. The present study aimed to evaluate the current level of voluntary disclosure (VODSC) and investigate the influence of the variables, ownership structure (managerial ownership, family member on the board and government ownership level) and control variables (size, leverage and return on assets) in relationship to the level of voluntary disclosure in 2009 among 89 non-financial companies listed on the Saudi Stock Exchange. The results suggest that the corporate governance-related variables influence the level of information disclosed, thus confirming the hypotheses. The results showed that the level of voluntary disclosure (VODSC) level was acceptable compared to other studies. With regard to the quality of disclosure, my results on the corporate governance characteristics (ownership structure) showed that all the variables were significant positively linked to the level of voluntary disclosure extent (VODSC). Moreover, my results on the control variables (size, leverage and return on assets) indicate that there is significantly positive association with the level of voluntary disclosure extent (VODSC). The results of this study might be of interest to regulators, investment analysts, and market participants and can help Saudi authorities to enforce new policies toward improving the quality of financial reporting.

#### **ACKNOWLEDGEMENTS** In the name of Allah, the most gracious and most merciful

Praise to **Allah**, Lord of the universe for his bounties and bestowed upon us. Peace to **Prophet Mohammed S.A.W.** the sole human inspiration worthy of imitation. "**Alhamdulihhah**", all praise to **Allah** for the strength and endurance provided to me to complete the thesis. Working for Msc (International Accounting) degree generally and this dissertation specifically is no doubt a challenging and enduring journey that I will cherish all my life.

My excessive gratefulness goes to my mother, **Haileh**, and my late father, **Hussein**, may Allah bless his soul in Paradise, **Insha'Allah**, who had blessed my life and my work since I was born. My gratefulness also goes to my wife, **Rasmeeh** and my children, **Rehab**, **Salem** and **Rean**, my brothers, my sisters, and my entire family.

I would like to render my utmost appreciation and gratitude to my supervisor, **Dr. Nor Shaipah Abdul Wahab**, for her earnest guidance and advice in construction my dissertation as well as her tolerance and persistence in imparting her knowledge to her students. Without her understanding, consideration and untiring advice, this dissertation would not have been completed successfully. My grateful appreciation also goes to my other lecturers who have imparted me valuable knowledge and know-how during my studies for the Msc (International Accounting) program. My heartfelt appreciation to all those involved in making this paper a reality and those who have contributed towards this profound learning experience.

I owe thanks and appreciation to all those people. Thank you so much.

#### Mahfoudh Hussein Hussein Mgammal

## **Table of Contacts**

DECLARATION II
PERMISSION TO USE III
ABSTRACTIV
ACKNOWLEDGEMENTSV
TABLE OF CONTACTSVI
LIST OF FIGURESX
LIST OF TABLESXI
CHAPTER ONE1
INTRODUCTION
1.1 BACKGROUND OF STUDY 1
1.2 PROBLEM STATEMENT
1.3 RESEARCH QUESTIONS
1.4 Research Objectives
1.5 SIGNIFICANCE OF STUDY
1.6 SUMMARY AND ORGANIZATION OF THE RESEARCH 12
CHAPTER TWO 13
LITERATURE REVIEW

2.1 INTRODUCTION	13
2.2 VOLUNTARY DISCLOSURE IN FINANCIAL STATEMENT	13
2.3 CORPORATE GOVERNANCE ATTRIBUTE AND VOLUNTARY DISCLOSURE	21
2.3.1 The agency theory	24
2.3.2 Corporate Governance characteristics	26
2.3.2.1 Managerial Ownership	27
2.3.2.2 Family members on the board	29
2.3.2.3 Government Ownership	31
2.4 SUMMARY	
CHAPTER THREE	35
RESEARCH METHODOLOGY	35
3.1 INTRODUCTION	35
3.2 Conceptual Framework	35
3.3 Hypotheses Development	37
3.3.1 Managerial Ownership and voluntary disclosure	37
3.3.2 Family Member on the Board and voluntary disclosure	39
3.3.3 Government Ownership and voluntary disclosure	40
3.4 DATA COLLECTION	41
3.4.1 Sample Selection	41
3.4.2 Method of data collection	42
3.5 MEASUREMENT OF VARIABLES	42

3.5.1 Voluntary Disclosure Index	42
3.5.2 Managerial ownership measurement	47
3.5.3 Family member on the board measurement	47
3.5.4 Government ownership measurement	47
3.6 DATA ANALYSIS	49
3.6.1 The Descriptive Statistics	49
3.6.2 The Correlation of variables	49
3.6.3 Model Specification and Multiple Regressions	50
3.7 SUMMARY	51
CHAPTER FOUR	52
ANALYSIS AND FINDINGS	52
4.1 INTRODUCTION	52
4.2 DESCRIPTIVE STATISTICS FOR THE DEPENDENT AND INDEPENDENT VARIABLES	52
<ul><li>4.2 DESCRIPTIVE STATISTICS FOR THE DEPENDENT AND INDEPENDENT VARIABLES</li><li>4.3 CORRELATIONS</li></ul>	
	54
4.3 CORRELATIONS	54 56
4.3 CORRELATIONS         4.4 MULTIPLE REGRESSION	54 56 57
<ul> <li>4. 3 CORRELATIONS</li> <li>4.4 MULTIPLE REGRESSION</li> <li>4.4.1 Assumption of Multiple Regressions</li> </ul>	54 56 57 57
<ul> <li>4.3 CORRELATIONS</li> <li>4.4 MULTIPLE REGRESSION</li> <li>4.4.1 Assumption of Multiple Regressions</li></ul>	54 56 57 57 58
<ul> <li>4.3 CORRELATIONS</li> <li>4.4 MULTIPLE REGRESSION</li></ul>	54 56 57 57 58 59

CHAPTER FIVE	65
DISCUSSIONS, CONCLUSIONS AND RECOMMENDATIONS	65
5.1 INTRODUCTION	65
5.2 Conclusion	65
5.3 Contribution	69
5.4 Limitations of Study	
5.5 FUTURE RESEARCH	
6. Reference	

# LIST OF FIGURES

Figure	3.1 Research Framework	36
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# LIST OF TABLES

Table 3-1 Summary for Measurement Variables	. 48
Table 4-1 Summary of Descriptive Statistics	. 53
Table 4-2 Correlations	. 55
Table 4-3: Normality Tests	. 57
Table 4-4: Coefficients <sup>a</sup>	. 59
Table 4-5: Summary of the Regressions Model	. 60
Table 4-6: The Coefficients of Multiple Regression Analysis	. 60

# CHAPTER ONE INTRODUCTION

#### 1.1 Background of Study

The forces that give rise in demand of information disclosure in the modern capital market stems from the information asymmetry and agency conflicts existing between the management and the stockholders. Therefore, the solution to agency conflicts lies in the ownership structure and the function of board of directors. Nowadays, every organization whether it is public or private, big or small, profitable or non profitable is looking forward to satisfy customers, investors, creditors, suppliers, regulators and the public at large. They are trying to operate in a way that makes all those users or stakeholders appreciate them. One way for these organizations to improve their performance is by showing their responsibility toward the environment. There is increasing pressure on companies to be responsible to the society which has influenced them to operate in an environmentally responsible manner. As various stakeholders demand greater disclosure of environmental impacts and performance, a large number of companies all over the world have started reporting on these issues. In many countries, disclosure of some environmental information has also been made mandatory. However, various research findings have suggested that these disclosures vary across sectors, industries and countries (Pahuja, 2009).

The company's annual report is one of the major corporations' communication medium used to transmit information to outsiders (Botosan, 1997; Lang & Lundholm, 1993); in other words, annual reports are used as a communication method to communicate both quantitative and

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#### 6. References

- Aboody, D., and R. Kasznik. 2000, "CEO Stock Option Awards and the Timing of Corporate Voluntary Disclosures." Journal of Accounting and Economics 29. 73-100.
- Ahmed, K., & Courtis, J. K. (1999). Association between corporate characteristics on mandatory disclosure compliance in annual reports: A Meta-Analysis. British Accounting Review, 31, 35-61.
- Al-Motairy, O., (2003), "Implementing corporate governance in Saudi Arabia", Arab Journal of Administrative Sciences, Vol. 10, No. 3, pp. 281-305.
- Alsaeed, K. (2006). The association between firm-specific characteristics and disclosure. Managerial Auditing Journal, 21(5), 476-496.
- Asharq Al-Awsat Newspaper, (2011). <u>http://www.aawsat.com/sections.asp?section</u>=6&epage economy&apage=%C7%E1%C7%DE%CA%D5%C7%CF&issueno=11856.
- Baek, H., Johnson, D., and Joung, W. (2009). Managerial ownership, corporate governance and voluntary disclosure. Journal of Business and Economic Studies, 15, 2, 44-61.
- Balachandran, J. (2004). Board Independence and Voluntary Disclosures: Evidence from Malaysia. the accounting and finance association of Australian and N Zealand (AFAANZ).
- Barako, D. (2007). Determinants of voluntary disclosure in Kenyan companies annual reports. African Journal of Business Management, 1,5, 113-128.
- Barako, D. G., Hancock, P., & Izan, H. Y. (2006). Factors influencing voluntary corporate disclosure by Kenyan companies. Corporate Governance: Volume 14, Number 2, 107-125.
- Beasley M., Carcello, J.V., Hermanson, D.R. & Lapides, P.D. (2000). Fraudulent financial reporting: consideration of industry traits and corporate governance mechanisms.
- Beasley, M.S. (1996). An Empirical Analysis of the Relation Between the Board of Director Composition and Financial Statement Fraud. The Accounting Review 71:443-465.
- Boesso, G., and Kumar, K. (2007). Drivers of corporate voluntary disclosure. Accounting, Auditing & Accountability Journal, 20, 2, 269-296.
- Botosan, C.A. (1997). Disclosure level and the cost of equity capital. The Accounting Review, 72 (3), 323-349.
- Bujaki M. B.J. McConomy, (2002). corporate governance: Factors influencing voluntary

disclosure by publicly traded Canadian firms, Canadian Accounting Perspectives. Toronto.

- Carven, B.M. and Marston, C.L. (1999). Financial Reporting on the Internet by Leading UK Companies. The European Accounting Review, Vol. 8, No. 2, pp. 321-333.
- Cerf. A. R. 11961). Corporate reporting and investment decision. Berkeley: University of California Press.
- Chau, G. k. and Gray, S. J.(2002)." Ownership structure and corporate voluntary disclosure in Hong Kong and Singapore" The International Journal of Accounting".
- Chobpichien, J. (2008). The quality of board of directors, ownership structure and level of voluntary disclosure of listed companies in Thailand. Universiti Sains Malaysia, 1-42.
- Choi F.D.S. and Mueller, G.G. (1992). International Accounting. New York. Prentice hall.
- Chow, C. W., & Wong-Boren, A. (1987). Voluntary financial disclosure by Mexican corporations. The Accounting Review, 62(3), 533-541.
- Cooke, T. E. (1989). Voluntary Disclosure by Swedish Companies. Journal of International Financial Management and Accounting, Vol.1, pp. 171-195.
- Cooke, T. E. (1989b). An empirical study of financial disclosures by Swedish companies. New York & London: Garland Publishing, Inc.
- Cooke, T. E. (1991). An assessment of voluntary disclosure in the annual reports of Japanese corporations. International Journal of Accounting, 26(3), 174-189.
- Cooke, T. E. (1992). The Impact of Size, Stock Market Listing and Industry Type in Disclosure in the Annual Reports of Japanese Listed Corporations. Accounting and Business Research, Vol. 22, No. 87, pp. 229-237.
- Cooke, T. E. (1993). Disclosure in Japanese corporate annual reports. Journal of Business Finance and Accounting, 20, 521-521.
- Cooke, T.E. (1991). An assessment of voluntary disclosure in the annual reports of Japanese corporations. International journal of accounting .
- Cooke, T.E. (1998). Disclosure in the Corporate Annual Reports of Swedish Companies. Accounting and Business Research.
- Eng, L. L., & Mak, Y.T. (2003), Corporate Governance and Voluntary Disclosure. Journal of Accounting and Public Policy, 22, 325-345.
- Firer, S., & Williams, S.M. (2003). Association between the ownership structure of Singapore

Publicly Traded Firms and Intellectual Capital Disclosures. Paper presented at the 24th Congress on IC organized by Mc Master University, Hamilton, Canada. (unpublished).

- Firth, M. A. (1979). The impact of size, stock market listing, and auditor on voluntary disclosure in corporate annual reports. Accounting and Business Research. 9(36), 273-280.
- Fouzy, S., (2003), "Evaluation of corporate governance in the Arab Republic of Egypt", The Egyptian Center for Economic Studies, Working paper No. 82 pp. 1- 39.
- Ghazali, N. A. M. (2006). Ownership structure and corporate social responsibility disclosure: some Malaysian evidence. Corporate Governance, 7(3), 251-266.
- Ghazali, N., and Weetman, P. (2006). Perpetuating traditional influences: Voluntary disclosure in Malaysia following the economic crisis. Journal of International Accounting Auditing and Taxation, 15, 226-248.
- Guan Yue-Duan., Sheu Dwan-Fang & Chu, Yu-Chin. (2007). Ownership Structure, Broad of Directors, and Information Disclosure. Journal of American Academy of Business, Cambridge: ABI/INFORM Global pg. 182.
- Gul, F.A., S. Leung (2004). Board leadership, outside directors' expertise and voluntary corporate disclosures. Journal of Accounting and Public Policy.
- Gulfnews, (2006). <u>http://gulfnews.com/business/general/saudi-arabia-s-bourse-regulator-probing-92-cases-1.59941</u>
- Hair, J. Anderson, R. Tatham, R. Black, W. (1995). Multivariate data analysis (4th edition).
- Haniffa, R. M, & Cooke, T. E. (2002). Culture, corporate governance and disclosure in Malaysian corporations, Abacus, 38, 317-349.
- Healy, P. M. & Palepu, K. G. (1995). The challenges of investor communication: the case of CUC International, Inc. Journal of Financial Economics.
- Heidi, V. B. & Marleen, W. (2003). Voluntary Disclosure on Corporate Governance in the European Union. Dept of Applied Economics, University of London.
- Hermalin B, Weisbach M (1991). "The Effects of Board Composition and Direct Incentives on Firm Performance," Financ. Manage., 20(4):101-112.
- Ho, S. M., & Wong, K. S. (2001). A Study of the Relationship between Corporate Governance Structure and the Extent of Voluntary Disclosure. Journal of International Accounting, Auditing & Taxation.
- Ho, S. S. M., & Wong, K. S. (2001) A study of the relationship between corporate governance structures and the extent of voluntary disclosure. Journal of International Accounting,

Auditing and Taxation, 10, 139-156.

- Ho, S.M.&Wong, K.S. (2001). 'A Study of the Relationship between Corporate Governance Structure and the Extent of Voluntary Disclosure'. Journal of International Accounting, Auditing & Taxation.
- Hossain M., Tan L.M. and Adams M. (1994). Voluntary disclosure in an emerging capital market: some empirical evidence from companies listed on the K.L. Stock Exchange. International Journal of Accounting.
- Hossain Mahmud, Mitra Santanu (2004). Firm characteristics and voluntary disclosure of geographic segment data by US multinational companies. International Journal of Accounting, Auditing and Performance Evaluation.
- Hossain, M., & Reaz, M. (2007). Determinants and characteristics of voluntary disclosure by Indian banking companies. Corporate Social Responsibility and Environmental Management Corp. Soc. Responsibility. Environment Management, 14(5), 274–288.
- Hossain, M., Islam, K., & Andrew, J. (2006). Corporate Social and Environmental Disclosure in Developing Countries: Evidence from Bangladesh. Faculty of Commerce-Papers, 179.
- Jensen, M. C, & Meckling, W. H. (1976). The theory of the firm: Managerial behavior, agency costs and ownership structure. Journal of Financial Economics, 3, 305-360.
- Jinfeng, Z., & Huifeng, X. (2009). Empirical Research on Factors Influencing Level of Environmental Protection Information Disclosure in Annual Reports by Listed Companies. Chinese Journal of Population, 7(1), 15.
- John Balachandran, (2004). Board Independence and Voluntary Disclosures: Evidence from Malaysia. the accounting and finance association of Australian and N. Zealand (AFAANZ).
- Kamla, R. (2007). Critically appreciating social accounting and reporting in the Arab Middle East: a postcolonial perspective. Advances in International Accounting, 20, 105-177.
- Kline, R. (1998). Principles and practices of structural equation modeling. New York: Guilford Press.
- Lang, M. and Lundholm, R. (1993). Cross-sectional determinants of analysts ratings of Lang, M. H., Carolina, U. N., Lundholm, R. J., & Michigan, U. (2000). Voluntary disclosure and equity offerings: reducing information asymmetry or hyping the stock? Contemporary Accounting Research, 17(4), 623-662.
- Makhija, A., and Patton, J. (2004). The impact of firm ownership structure on voluntary disclosure: empirical evidence from Czech annual reports. Journal of Business 77. 3.457-491.

Mathews, M. R. (1993). Socially responsible accounting: Chapman & Hall London.

- Matoussi, H., and Chakroun, R. (2008). Board composition, ownership structure and voluntary disclosure in annual reports: Evidence from Tunisia. Laboratoire Interdisciplinaire de Gestion Universite-Entreprise (LIGUE), 1-28.
- McConnell, J. J., and H. Servaes, (1990), "Additional Evidence on Equity Ownership and Corporate Value", Journal of Financial Economics 27, 595-612.
- McKinnon, J. L., & Dalimunthe, L. (1993). Voluntary disclosure of segment information by Australian diversified companies. Accounting and Finance, 33(1), 33-50.
- Meek, G.K., Roberts, C. B., & Gray, S. J. (1995). Factors influencing voluntary report disclosures by U.S., U.K. and Continental European multinational corporations. Journal of International Business Studies, 26 (3), 555-572.
- Morck, R., A. Shleifer, and R. Vishny, (1988), "Management Ownership and Market Valuation: An Empirical Analysis", Journal of Financial Economics 20, 293-315.
- Murcia, f. D. R., & de souza, f. C. (2009). Discretionary-based disclosure: the case of social and environmental reporting in brazil.
- Naser, K. (1998). Comprehensiveness of disclosure of non-financial companies listed on Amman financial market. International Journal of Commerce and Management, 8, 88-119.
- Naser, K. Al-Khatib, K. & Karbhari, Y. (2002). Empirical evidence on the depth of corporate information disclosure in developing countries: The case of Jordan. International journal of commerce and management, 12(3/4), 122-155.
- Naser, K., & Nuseibah, R. (2003). uality of Financial Reporting: Evidence from the Listed Saudi Nonfinancial Companies Q. International Journal of Accounting, 38(1), 41-69.
- Nasir, N. (2004). Voluntary disclosure and corporate governance among financially distressed firms in Malaysia. Monash University Malaysia.
- Nasir, N. M. and Abdullah. S.N. (2004), "Voluntary Disclosure and Corporate Governance among Financially Distressed firms in Malaysia". Finantcial Reporting, Regulation And Governance".
- Ness, K.E. and Mirza, A.M. (1991), "Corporate social disclosure: a note on a test of agency theory", British Accounting Review, Vol. 23, pp. 211-17.
- Nicholls, Des and K. Ahmed (1995). The Quality of Disclosure in Corporate Annual Reports in Bangladesh, Research in Accounting in Emerging Economies edited by Wallace, R.S.O, R.J. Briston and J.M. Samuels. Vol. 3. pp. 149-170.

- Nobes, C., & Parker, R. H. (1991). Comparative international accounting (3rd edition ed.): Prentice Hall, Hemel Hempstead.
- OECD, (2004). OECD principles of corporate governance. Retrieved 2006-05-10, from http://www.oecd.Org/dataoecd/32/18/31557724.pdf.
- Pahuja, S. (2009). Relationship between environmental disclosures and corporate characteristics: a study of large manufacturing companies in India. Social Responsibility Journal, 5(2), 227-244.
- Patelli, L. and Preneipe. A.(2007). " The Relationship between voluntary Disclosure and independent Directors in the presence of a Dominant Shareholder " European Accounting Review".
- Penmann, S.H. (1988). An empirical investigation of the voluntary disclosure of corporate earning forecasts, Journal of accounting research.
- Perera, H. M. B., & Mathews, M. R. (1990). The cultural relativity of accounting and international patterns of social accounting. Advances in International Accounting: A Research Annual, 215.
- Robbins, W. A., & Austin, K. R. (1986). Disclosure quality in governmental financial reports: an assessment of the appropriateness of a compound measure. Journal of Accounting Research, 412-421.
- Rogers, M. (2006). Corporate Governance and Financial Performance of Selected Commercial Banks in Uganda. Makerere University Business School, Faculty of Commerce. East Africa: Kampala Uganda.
- Ruland, W., Tung, S. and George, N. (1990), "Factors associated with the disclosure of managers' forecasts", The Accounting Review, Vol. 65, pp. 710-21.
- Schulze, S., Sinclair, D. A., Silva, E., Fitzpatrick, K. A., Singh, M., Lloyd, V. K., et al. (2001). Essential genes in proximal 3L heterochromatin of Drosophila melanogaster. Mol. Gen. Genet, 264(6), 782--789.
- Sekaran, U. (2003) Research Methods for Business: A Skill Building Approach, Fourth Edition.
- Silver, M. (1997). Business Statistics. (2nd ed.). Published by McGraw-Hill Publishing Company.
- Simon, H., and Wong, K. (2001). A study of the relationship between corporate governance structures and the extent of voluntary disclosure. Journal of International Accounting. 10. 139-156.
- Singhi, S. S., & Desai, H. B. (1971). An empirical analysis of the quality of corporate financial

disclosure. The Accounting Review, 46 (1), 129-138.

- Skinner, D.J. (1994) Why Firms Voluntarily Disclose Bad News. Journal of Accounting Research.
- Sonia Maria da Silva, M., & Beatriz, A.-G. (2009). Determinants of environmental disclosure in the annual reports of large companies operating in Portugal. Corporate Social Responsibility and Environmental Management, 9999(9999), n/a.
- Tadawul,(2007).http://www.tadawul.com.sa/wps/portal/!ut/p/c1/04\_SB8K8xLLM9MSSzPy8xBz9CP0os3g\_AewIE8TIwP3gDBTA08Tn2Cj4AAvY\_dQA\_3g1Dz9gmxHRQCHg5RU/
- Thorell, P. (2003). Foretagens redovisning: grundlaggande rakenskapsforstaelse (4th ed.). Uppsala: Iustus Forlag AB.
- Umm Al-Qura newspaper, (2006). <u>http://www.uqn.gov.sa/Decisions/RoyalDecrees/Pages/default</u>.aspx
- Vergoossen, R.G.A. (1993). The use and perceived importance of annual reports by investment analysts in the Netherlands. European Accounting Review.
- Wallace, R. S. O. (1988). Corporate financial reporting in Nigeria. Accounting and Business Research, 18(72), 352-362.
- Watts, R.L. and J.L. Zimmerman. (1979). Positive accounting theory. Englewood cliffs prentice hall. USA.
- Xiao, H., and Yuan, J. (2007). Ownership structure, board composition and corporate voluntary disclosure. Managerial Auditing Journal. 22. 6 604-619.
- Zikmund, W. (2003). Business research methods. 7th ed. Drden press.