HERDING BEHAVIOR IN DIVIDEND POLICY: CASE STUDY OF MALAYSIA

NURUL NADIAH RUSLE

MASTER OF SCIENCE (FINANCE) UNIVERSITI UTARA MALAYSIA JUNE 2013

HERDING BEHAVIOR IN DIVIDEND POLICY: CASE STUDY OF MALAYSIA

NURUL NADIAH RUSLE

Thesis Submitted to
Othman Yeop Abdullah Graduate School of Business,
Universiti Utara Malaysia
In Fulfillment of the Requirement for the Degree of Master of Science

PERMISSION TO USE

In presenting this dissertation/project paper in partial fulfillment of the requirements for a Post Graduate degree from the Universiti Utara Malaysia (UUM), I agree that the Library of this university may make it freely available for inspection. I further agree that permission for copying this dissertation/project paper in any manner, in whole or in part, for scholarly purposes may be granted by my supervisor or in their absence, by the Dean of Othman Yeop Abdullah Graduate School of Business where I did my dissertation/project paper. It is understood that any copying or publication or use of this dissertation/project paper parts of it for financial gain shall not be allowed without my written permission. It is also understood that due recognition shall be given to me and to the UUM in any scholarly use which may be made of any material in my dissertation/project paper.

Request for permission to copy or to make other use of materials in this dissertation/project paper in whole or in part should be addressed to:

Dean of Othman Yeop Abdullah Graduate School of Business

Universiti Utara Malaysia

06010 UUM Sintok

Kedah Darul Aman

ABSTRAK

Tujuan kajian ini adalah untuk membuktikan kewujudan tingkah laku berkelompok dalam polisi dividen dan kecenderungan satu-satu syarikat untuk mengikuti syarikat lain yang berada di dalam industri yang sama di Malaysia. Selaras dengan penyelidikan terdahulu, kertas ini meneroka pengaruh meniru dasar dividen di Malaysia. Ia akan membuktikan sama ada terdapat tingkah laku berkelompok di dalam polisi dividen di negara ini atau tidak. Hasil kajian menunjukkan, pengaruh meniru, tingkah laku berkelompok atau pematuhan antara industri dalam dasar dividen wujud di Malaysia. Lebih daripada 80 peratus daripada syarikat-syarikat yang memberi tindak balas dalam industri perdagangan dan perkhidmatan membayar dividen kepada pemegang saham mereka. Keputusan ini juga menunjukkan bahawa terdapat persamaan dalam pembayaran dividen di kalangan firma-firma dalam industri ini. Secara keseluruhannya, keputusan adalah konsisten dengan tiruan dalam polisi dividen. Kajian ini juga mendokumenkan kesesuaian mekanisme tiruan sosial di sebalik tingkah laku pembayaran dividen dan, oleh itu, ia akan menambah pengetahuan semasa kewujudan tingkah laku berkelompok di Malaysia.

Katakunci: tingkah laku berkelompok; pematuhan antara industri; polisi dividen; polisi dividen di Malaysia

ABSTRACT

The purpose of this study is to prove the existence of the herding behavior in dividend policy and the tendencies of one company to follow others in the same industry in Malaysia. Consistent with previous research, this paper explores imitative influence on dividend policy in Malaysia. It will prove whether there is herding behavior in the dividend policy or not. The result shows that the imitative influence, herding behavior or intra-industry conformity in dividend policy exist in Malaysia. More than 80 percent of the responded companies in trade and services industry are paying dividend to their shareholder. This result also indicates that there is similarity in dividend payout among firms in the same industry. Overall, the results are consistent with imitation in dividend policy. This study documents the relevance of social imitation mechanism behind dividend payout behavior and therefore it will adds to the current knowledge of the existence of herding behavior in Malaysia.

Keywords: herding behavior; intra-industry conformity; dividend policy; dividend policy in Malaysia

ACKNOWLEDGEMENTS

In the name of Allah S.W.T, the Most Gracious, the Most Merciful. All grant

thanks and praise to Allah for His help, blessing and guidance, I am able to

finish this task.

I would like to express my profound gratitude to my supervisor, Dr Zahiruddin

Ghazali for his unfailing assistant, patience and dedication. I really

appreciated the support and advice through my master's project. Your input

and support had been of much value and rewarding.

My deep appreciation goes to my husband, parents, parents' in-law, family

and friends for their thoughts and prayers, the endless love, blessing and

devotion. The people who never ever stop to support and always stay beside

me all the time in everything I have done and gone through.

Nurul Nadiah Rusle (805102)

Project Paper

Master of Science (Finance)

UUM College of Business

Universiti Utara Malaysia

įν

TABLE OF CONTENTS

CERTIFICA	ATION OF PROJECT PAPER	
PERMISSIO	ON TO USE	i
ABSTRAK		ii
ABSTRAC	т	iii
ACKNOWL	EDGEMENTS	iv
TABLE OF	CONTENTS	v
LIST OF TA	ABLES	viii
LIST OF AI	BBREVIATION	ix
CHAPTER	1 – INTRODUCTION	
1.1	Introduction	1
1.2	Background of the Study	3
	1.2.1 Herding behavior	3
	1.2.2 Dividend policy in Malaysia	5
1.3	Problem Statement	7
1.4	Research Question	9
1.5	Research Objectives	9
1.6	Scope of the Study	10
1.7	Limitation of the Study	10
1.8	Significance of the Study	11
1.9	Organization of the Study	12

CHAPTER 2 – LITERATURE REVIEW

	2.1	Introduction	
	2.2	Brief Introduction of Dividend	14
		2.2.1 What is dividend?	14
		2.2.2 Types of dividends	15
		2.2.3 Dividend policy	16
	2.3	Conformity Trends	17
		2.3.1 Institutional templates of appropriate behavior	17
		2.3.2 Industry effect on dividend payout (in other country)	21
	2.4	Summary	26
СНАР	TER 3	- RESEARCH METHOD	
	3.1	Introduction	27
	3.2	Data Collection	27
		3.2.1 Sources of data	27
		3.2.2 Sample of the study	28
	3.3	Data Analysis	30
		3.3.1 Regression analysis	30
		3.3.2 Coefficients of correlation (R)	32
		3.3.3 Logistic regression	33
	3.4	Summary	34

CHAPTER 4 – ANALYSIS AND FINDINGS

4	.1	Introduction	35
4	.2	Descriptive Analysis	35
4	.3	Coefficient of Correlations	38
4	.4	Regressions	41
		4.4.1 Multiple regressions	41
		4.4.2 Logistic regressions	44
4	.5	Discussion	45
4	.6	Summary	46
Chapter 5 – Conclusions and Recommendations			
5	5.1	Introduction	47
5	5.2	The Existence of Herding Behavior in Dividend Policy in	47
		Malaysia	
5	5.3	Limitations and Recommendations	51
REFERENCES 52			52
APPENDICES			

LIST OF TABLES

TABLE	TITLE	PAGE
4.1	Statistics of Div Dummy	36
4.2	Frequency of Div Dummy	36
4.3	Descriptive Statistics of All Variables	37
4.4	Coefficient of Correlations	39
4.5.1	1 Result of Multiple Regressions (a)	
4.5.2	Result of Multiple Regressions – continue (b)	42
4.6	ANOVA	
4.7	Variables in the Equation	43
4.8.1	Omnibus Tests of Model Coefficients	44
4.8.2	Model Summary of Logistic Regression	44
4.9	Classification Table	45

LIST OF ABBREVIATION

DPS	Dividend per share
BOD	Board of Directors
Div Dummy	Dummy variables for dividend
DPO	Dividend Payout Ratio
ROA	Return on Assets
A.ROA	Average Return on Assets
A.Growth	Average rate of revenue growth
A.DPO	Average Dividend Payout Ratio
Std. Deviation	Standard Deviation
TD/TD	Total Debt deflated by Total Assets
df	Degree of freedom
Sig.	Significant
OLS	Ordinary Least Square
GLS	Generalized Least Square
KLSE	Kuala Lumpur Stock Exchange

CHAPTER 1

INTRODUCTION

1.1 Introduction

Prior research such as the work by Michel (1979) purported that the relationship between dividend policy and firm valuation is still a major unresolved issue in corporate finance. Either theoretically or empirically, the research evidence proves to be contradictory. While financial theory is unequivocal on the inconsequence of dividend policy in perfect capital market, there is widespread recognition that payout policy in practice is controversial and not well understood. Moreover, with the presence of taxes and transaction costs, the dividend payment by the company is regarded as something of a dilemma. Nonetheless, a worthwhile field to venture into.

The contents of the thesis is for internal user only

REFERENCES

- Aerts, W., Cormier, D. and Magnan, M. (2006), "Intra-industry imitation in corporate environmental reporting: An international perspective", Journal of Accounting and Public Policy 25, pp. 299–331.
- Aivazian, V., Booth, L. and Clearly, S. (2003), "Do Emerging Market Firms Follow Different Dividend Policies From U.S. Firms?", Journal of Financial Research Vol. 26, Issue 3, pp. 371–387.
- Al-Malkawi, H.A.N., Rafferty, M. and Pillai, R. (2010), "Dividend Policy: A Review of Theories and Empirical Evidence", International Bulletin of Business Administration Issue 9, pp. 171-200.
- Alzomaia, T.S.F. and Al-Khadhiri, A. (2013), "Determination of Dividend Policy: The Evidence from Saudi Arabia", International Journal of Business and Social Science, Vol. 4 No. 1, pp. 181-192.
- Anil, K. and Kapoor, S. (2008), "Determinants of Dividend Payout Ratios-A Study of Indian Information Technology Sector", International Research Journal of Finance and Economics Issue 15, pp. 63-71.
- Annuar, M. N. and Shamsher, M. (1993), "The dividend and earnings behavior of firms on the Kuala Lumpur Stock Exchange", Pertanika Journal of Social Sciences and Humanities, 1(2), pp. 171-177.
- Black, F. (1976), "The Dividend Puzzle", Journal of Portfolio Management 2 (2), 5-8.
- Baker, H.K. and Powell, G.E. (2000), "Determinants of Corporate Dividend Policy: A Survey of NYSE Firms", Financial Practice & Education, Vol. 10, No. 3, pp. 29-40.
- Baker, H.K., Mukherjee, T.K. and Pakelian, O.G. (2005), "How Norwegian Managers View Dividend Policy", Department of Economics And Finance Working Papers, 1991-2006, Paper 48.
- Caneghem, T.V. and Aerts, W. (2011), "Intra-industry conformity in dividend policy", Managerial Finance Vol. 37 No. 6, pp. 492-516.
- Choi, Nichole and Sias, Richard W. (2008, "Institutional Industry Herding", The Review Of Financial Studies, Vol.17, 165-206.

- Christie, W.G., and Huang, R.D. (1995), "Following The Pied Piper: Do Individual Returns Herd Around The Market?", Financial Analysts Journal, Vol. 51, No. 4 (Jul. Aug., 1995), pp. 31-37.
- Clark-Murphy, M. and Soutar, G.N. (2004), "What Individual Investors Value: Some Australian Evidence", Journal of Economic Psychology, Vol. 25, 539-55.
- Deangelo, H. and Deangelo, L. (1990), "Dividend Policy and Financial Distress: An Empirical Investigation of Troubled NYSE Firms", The Journal Of Finance, Vol. XLV No.5, pp. 1415-31.
- Dempsey, S.J., Laber, G., and Rozeff, M.S. (1993), "Dividend Policies in Practice: Is There an Industry Effect", Vol. 32, No. 4, pp. 3-13.
- DiMaggio, P.J. and Powell W.W. (1983), "The Iron Cage Revisited: Institutional Isomorphism and Collective Rationality in Organizational Fields", American Sociology Review, Vol. 48, No. 2, pp. 147-160
- Dong, M., Robinson, C., and Veld, C. (2005), "Why Individual Investors Want Dividends", Journal of Corporate Finance, Vol. 12, pp. 121-58.
- Duasa, J. and H. Kassim, S. (2009) "Herd Behavior in Malaysian Capital Market: An Empirical Analysis", Journal of Applied Economic Sciences, 2009, Vol. 4, Issue 1(7).
- Economou, F., Kostakis, A., and Philippas, N. (2010) "An Examination of Herd Behaviour in Four Mediterranean Stock Markets", http://www.Eefs.Eu/Conf/Athens/Papers/511.Pdf
- Feldstein, M. and Green, J. (1983), "Why Do Companies Pay Dividends?", American Economic Review 73, no. 1: 17-30.
- Gleason, K.C., Mathur, I. and Peterson, M.A. (2004), "Analysis of intraday herding behavior among the sector ETFs", Journal of Empirical Finance 11, pp. 681–694.
- Ho, H. (2003), "Dividend Policies in Australia and Japan", International Advances In Economic Research, Vol. 9, No. 2, pp. 91-100.
- Hosmer, D.W. and Lemeshow, S. (2000), "Applied Logistic Regression", New York: Wiley.

- Kamat, M.S. (2008), "The Ownership and Industry Effects Of Corporate Dividend Policy In India", 1961-2007, Munich Personal Repec Archive.
- Lai, M.M. and Lau, S.H. (2004), "Herd Behavior and Market Stress: The Case Of Malaysia", Academic Journal Article From Academy Of Accounting And Financial Studies Journal, Vol. 8, No. 3.
- Maug, E.G., and Naik, N.Y. (1996), "Herding and Delegated Portfolio Management: The Impact of Relative Performance Evaluation an Asset Allocation." Working Paper. Duke University.
- Michel, A. (Autumn, 1979), "Industry Influence On Dividend Policy", Financial Management, Vol. 8, No. 3, pp. 22-26.
- Miller, M.H. and Modigliani, F. (1961), "Dividend Policy, Growth, and The Value Of Shares", Journal of Business, Vol. 34, pp. 411-33.
- Moh'd, M.A., Perry, L.G. and Rimbey, J.N. (1995), "An Investigation of The Dynamic Relationship between Agency Theory and Dividend Policy", Financial Review Vol. 30, Issues 2, pp. 367-385.
- Musa, I.F., (2009), "The Dividend Policy of Firms Quoted On the Nigerian Stock Exchange: An Empirical Analysis, African Journal of Business Management", Vol. 3 (10), pp. 555-566.
- O'Brien and Robert M. (2007), "A Caution Regarding Rules of Thumb For Variance Inflation Factors", Quality And Quantity, 41(5), pp. 673-690.
- Pallant, J., (2005), "SPSS Survival Manual: A Step By Step Guide To Data Analysis Using SPSS (2nd Edn)", Sydney: Allen & Unwin.
- Pandey, I.M., (2001), "Corporate Dividend Policy And Behavior: The Malaysian Experience", IIMA Working No. 2001-11-01.
- Pandey, I.M., (2003), "Corporate Dividend Policy and Behavior: The Malaysian Evidence", Asian Academy of Management Journal, Vol. 8, No. 1, pp. 17–32.
- Prosad, J.M., Kapoor, S., and Sengupta, J. (2012), "An Examination of Herd Behavior: An Empirical Study on Indian Equity Market", International Conference on Economics and Finance Research, Vol.32.

- Scharfstein, David S. and Jeremy, C. Stein (1990), "Herd Behavior and Investment", American Economic Review, 80, 465-479.
- Tabachnick, B.G., and Fidell, L.S. (2001), "Using Multivariate Statistics (4th Edn)", New York: Harpercollins.
- Tolbert, P.S. and Zucker, L.G., (1983), "Institutional Sources of Change in the Formal Structure of Organizations: The Diffusion of Civil Service Reforms, 1880-1935", Administrative Science Quarterly, Vol.23, pp. 22-39.
- Trueman, Brett (1994), "Analyst Forecast and Herding Behavior", The review of Financial Studies, 7, 97-124.