CASH HOLDINGS, OWNERSHIP STRUCTURE, CORPORATE GOVERNANCE AND FIRM VALUE



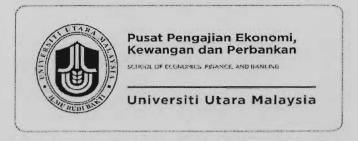
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CASH HOLDINGS, OWNERSHIP STRUCTURE, CORPORATE GOVERNANCE AND FIRM VALUE

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ABSTRAK

Kajian ini mengkaji hubungan antara pegangan tunai, pemilikan pengurusan, pemilikan keluarga, pemilikan kerajaan, saiz lembaga pengarah, komposisi lembaga pengarah dan prestasi syarikat dengan menggunakan syarikat perkilangan yang disenaraikan di Indonesia sebagai sampel dari tahun 2011 sehingga 2014. Model kesan tetap and model kesan rawak digunakan bagi menganalisis hubungan di antara pembolehubah-pemboleubah. Hasil kajian yang didapati telah menunjukkan bahawa pegangan tunai, pemilikan keluarga, dan pemilikan kerajaan mempunyai hubungan yang negatif dengan nilai syarikat tersebut. Pegangan tunai yang berlebihan adalah satu tanda yang menunjukkan bahawa sesebuah syarikat itu bertindak untuk menyimpan tunai dan tidak membayar dividen dan terdapat kemungkinan dimana tunai tersebut digunakan untuk faedah yang lain dan ia bukan merupakan di dalam lingkungan minat pemegang saham. Hubungan negatif yang ditunjukkan oleh pemilikan keluarga mungkin disebabkan syarikat tidak diuruskan secara professional. Untuk pemilikan kerajaan, hubungan yang negatif mungkin mencadangkan bahawa kerajaan berminat untuk memenuhi agenda sosial daripada memaksimumkan keuntungan. Hubungan yang positif ditunjukkan oleh saiz lembaga pengarah. Mempunyai jumlah lembaga pengarah yang tinggi akan meningkatkan prestasi syarikat. Kajian ini juga menunjukkan hubungan di antara pembolehubahpembolehubah di papan pembangunan dan papan utama di dalam Bursa Efek Indonesia. Kesan yang lebih signifikan ditunjukkan oleh papan pembangunan berbanding papan utama.

Kata kunci: pegangan tunai, struktur pemilikan, tadbir urus korporat, nilai syarikat, Indonesia

ABSTRACT

This study investigates the relationship between cash holdings, managerial ownership, family ownership, government ownership, board size, board composition and firm performance by taking Indonesian manufacturing publicly listed firms as the sample over the period from 2011 to 2014. Fixed effect model and random effect model are employed to analyse the relationship between those variables. The findings of this study reveal that cash holdings, family ownership, and government ownership are negatively correlated with firm value. The excess cash holdings are a sign that the firm tends to retain the cash rather than pay it via dividends and there is a possibility that the cash is employed for non-pecuniary benefits which is not analogous to the shareholders' interest. The negative relationship shown by family ownership might suggest that the firm is not being managed professionally. For government ownership, the negative relationship might indicate that the government is interested in fulfilling the social agenda rather than maximizing profit. The positive relationship is only exhibited by board size. Having a higher number of board members will increase the performance. This study also presents the relationship of variables among main board and development board in Indonesia Stock Exchange. A more significant impact is perceived by the development board firms rather than main board firms.

Keywords: cash holdings, ownership structure, corporate governance, firm value, Indonesia

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CHAPTER 1

INTRODUCTION

1.1 Background of the Study

The value of the firm is one of the essential indicators that signify how well the company is doing its business. Firm value, literally, is an economic measure that reflects the market value of the company's whole business (Investopedia.com, 2015). To achieve higher market value, all activities of the firm have to take shareholders' interest into consideration which means the policies that are made by the company have to align with the shareholders' interest to prevent the plummet of the firm value (Ficici & Aybar, 2012). Regarding that case, the amount of cash holdings, ownership structure, and corporate governance issues might play a role in enhancing the firm value due to these variables are very related with the shareholders.

Several studies have shown that the escalation of cash holding has an influence over the firm value. Opler, Pinkowitz, Stulz, and Williamson (1999) claim that the maximum shareholder wealth could be achieved if the cash reserve is at a level that the marginal cost of cash reserve equals the marginal profit of those reserves. Implicitly, cash holdings can have either a poor or a strong impact on the firm value because it influences the liquidity of the firm. The benefit of keeping liquid assets as a reserve means that the firms can use these assets to finance the future project and hence, it can reduce the cost of capital whenever the firms want to raise funds to be invested in a new project. On the contrary, Jensen (1986) exhibits that the cash holdings can bring an agency cost because managers prefer to disgorge the excess

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REFERENCES

- 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. B., & Mehran, H. (2011). Corporate performance, board structure, and their determinants in the banking industry. *Federal Reserve Bank, New York*.
- Ahern, K. R., & Dittmar, A. K. (2011). The changing of the boards: The impact on firm valuation of mandated female board representation. *Norway*.
- Ajija, S. R., Sari, D. W., Setianto, R. H., & Primanti, M. R. (2010). Smart way to learn Eviews. Jakarta: Salemba Empat.
- Anderson, R. C., & Reeb, D. M. (2003). Founding-family ownership and firm performance: Evidence from the S & P 500, *American Finance Association* 58(3), 1301–1328.
- Asquith, P., & Mullins, D. W. (1986). Equity issues and offering dilution. *Journal of Financial Economics* 15, 61-89.
- Baskin, J. B. (1987). Corporate liquidity in games of monopoly power. *Review of Economics and Statistics* 64(2), 312-319.
- Bates, T., Kahle, K., & Stulz, R. (2009). Why do U.S. firms hold so much than they used to? *The Journal of Finance*, 64(5), 1985–2021.
- Berle, A., & Means, G. (1932). The modern corporation and private property. Indiana Law Journal 8(8), 396.
- Bertrand, M., & Schoar, A. (2006). The role of family in family firms. *Journal of Economics Perspectives* 20(2), 73-96.
- Bilimoria, D., & Piderit, S. K. (1994). Board committee membership: Effects of sexbased bias. *Academy of Management Journal*, 37(6), 1453–1477.

- Black, B. S., Jang, H., & Kim, W. (2006). Does corporate governance predict firms' market values? Evidence from Korea. *Journal of Law, Economics, and Organization*, 22(2), 366–413.
- Blackburn, V., Iles, P., & Shrader, C. B. (1997). Women in management and firm financial performance: An exploratory study. *Journal of Managerial Issues*, 9(3), 355-372.
- Bos, S., Pendleton, A., & Toms, S. (2011). Governance thresholds, managerial ownership and corporate performance: Evidence from the U.K. *Working Paper* 58.
- Boyle, G. W., & Guthrie, G. A. (2003). Investment, uncertainty, and liquidity. *The Journal of Finance* 58(5), 2143-2166.
- Brooks, C. (2008). Introductory Econometrics for Finance (2nd edition). Cambridge University Press.
- Burkhanova, A., Enkov, V., Korotchenko, Kichkaylo, M., Marchenko, K., Rozhdestvenskaya, A., (...) & Ulugova, A. (2012). Dynamic trade-off theory of capital structure: An overview of recent research. *Journal of Corporate Finance Research* 3(23), 70-86.
- Bursa Efek Indonesia (2012). Annual report of Bursa Efek Indonesia FY 2011 [Table]. Strengthening Resilience Embracing Growth, 14.
- Bursa Efek Indonesia (2013). Annual report of Bursa Efek Indonesia FY 2012 [Table]. Broadening Opportunities, Entering The Next Level, 18.
- Bursa Efek Indonesia (2014). Annual report of Bursa Efek Indonesia FY 2013 [Table]. Embarking on a New Journey, 20.
- Bursa Efek Indonesia (2015). Annual report of Bursa Efek Indonesia FY 2014 [Table]. Stepping up the pace, 24.
- Carter, D. A., Simkins, B. J., & Simpson, W. G. (2003). Corporate governance, board diversity, and firm value. *The Financial Review*, 38(1), 33–53.

- Chen, J., Leung, W. S., & Evans, K. (2015). Board gender diversity, innovation, and firm performance. *Cardiff Business School, United Kingdom*.
- Cheung, Y., Connelly, J. T., Estanislao, J. P., Limpaphayom, P., Lu, T., & Utama, S. (2014). Corporate governance and firm valuation in Asian emerging markets. Corporate Governance in Emerging Markets 32(610), 27-54.
- Christiawan, Y. J., & Tarigan, J. (2007). Managerial ownership: Debt policy, performance policy, and firm value. *Jurnal Akuntansi dan Keuangan* 9(1), 1-8.
- Chudson, Walter A. (1937). The pattern of corporation financial structure: A cross-section view of manufacturing, mining, trade, and construction. *National Bureau of Economic Research*.
- Coombes, P., & Watson, M. (2000). Three surveys on corporate governance. McKinsey Quarterly, (4), 74–77.
- Cronqvist, H., & Nilsson, M. (2003). Agency costs of controlling minority shareholders. *Journal of Financial and Quantitative Analysis* 38(4), 695-719.
- Dalton, D. R., Daily, C. M., Johnson, J. L., & Ellstrand, A. E. (1999). Number of directors and financial performance: A meta-analysis. The Academy of Management Journal, 42(6), 674–686.
- Demsetz, H. (1983). The structure of ownership and the theory of the firm. *The Journal of Law and Economics* 26(2), 375-390.
- Demsetz, H., & VIllalonga, B. (2001). Ownership structure and corporate performance. *The Journal of Corporate Finance* 7, 209-233.
- Dittmar, A., Mahrt-smith, J., & Servaes, H. (2003). International corporate governance and corporate cash holdings. *Journal of Financial and Quantitative Analysis*, 38(1), 111–133.
- Dorgerconsulting.com (2011). Retrieved November 20, 2015 from http://dorgerconsulting.com/2011/07/20/size-matters-right-sizing-your-board-of-directors/.

- 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.
- Fama, E. F., & Jensen, M. C. (1983). Separation of ownership and control. Journal Law and Economics 26(2), 301–325.
- Faulkender, M., & Wang, R. (2006). Corporate financial policy and the value of cash. *Journal of Finance*, 61(4), 1957–1990. http://doi.org/10.1111/j.1540-6261.2006.00894.x
- Fauzi, F., & Locke, S. (2012). Board structure, ownership structure, and firm performance: A study of New Zealand. *Asian Academy of Management Journal of Accounting and Finance*, 8(2), 43–67.
- Ficici, A., & Aybar, C. B. (2012). Corporate governance and firm value in emerging markets: An empirical analysis of adr issuing emerging market firms. *EMAJ:*Emerging Markets Journal, 1(1).
- Frank, M. Z., & Goyal, V. K. (2007). Trade-off and pecking order theories of debt. Handbook of Empirical Corporate Finance, 1(7), 135–202.
- García, J. P., Familiar, C. D. E., & Salamanca, U. De. (2008). Does family ownership impact positively on firm value? *Establecimiento de Puentes En Una Economía Global*, 1, 1–15.
- Gill, A., & Shah, C. (2012). Determinants of corporate cash holdings: Evidence from Canada. *International Journal of Economics and Finance* 4(1), 70-79.
- Gosta, D. R. (2015). Manufaktur RI: Kuartal I/2015, indeksi PMI terburuk dalam 4 tahun. Retrieved September 13, 2015 from Bisnis website: http://finansial.bisnis.com/read/20150401/9/418245/manufaktur-ri-kuartal-i2015-indeks-pmi-terburuk-dalam-4-tahun
- Guest, P. (2009). The impact of board size on firm performance: Evidence from the UK. *The European Journal of Finance 15*(4), 385-404.

- Gujarati, D. (2004). Basic econometrics. The McGraw-Hill Companies.
- Gyapong, E., Monem, R., & Hu, F. (2014). Do women and ethnic minority directors influence firm value? Evidence from an emerging market with a history of legal racial segregation. *Griffith University Business School, Queensland*.
- Halov, N., & Heider, F. (2011). Capital structure, risk and asymmetric information. *Quarterly Journal of Finance*, 1(4), 767–809.
- Harford, J. (1999). Corporate cash reserves and acquisitions. *The Journal of Finance*, 54(6), 1969–1997.
- Horioka, C. Y. & Terada-Hagiwara, A. (2013). Corporate cash holding in Asia. *The Institute of Social and Economic Research*, (889).
- Hu, Y., & Izumida, S. (2009). The relationship between ownership and performance: A review of theory and evidence. *International Business Research*, 1(4), 72–81.
- Idx.co.id. (2015). Retrieved December 7, 2015, from http://www.idx.co.id/id-id/beranda/informasi/bagiperusahaan/bagaimanamenjadiperusahaantercatat.asp x.
- Investopedia.com. (2015). Retrieved September 20, 2015, from http://www.investopedia.com/terms/e/enterprisevalue.asp
- Islam, S. (2012). Manufacturing firms' cash holding determinants: Evidence from Bangladesh. *International Journal of Business and Management* 7(6), 172-184.
- Isshaq, Z., Bokpin, G. A., & Onumah, J. M. (2009). Corporate governance, ownership structure, cash holdings, and firm value on the Ghana Stock Exchange. *The Journal of Risk Finance*, 10(5), 488-499.
- James, H. S. (1999). Owner as manager, extended horizons and the family firm. International Journal of the Economics of Business, 6(1), 41–55.
- Jensen, M. C. (1986). Agency costs of free cash flow, corporate finance, and takeovers. *American Economic Review*, 76(2), 323–329.

- 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, B. B., Laurenceson, J., & Tang, K. K. (2008). Share reform and the performance of China's listed companies. *China Economic Review*, 19(3), 489– 501.
- Kalcheva, I., & Lins, K. V. (2007). International evidence on cash holdings and expected managerial agency problems. Review of Financial Studies, 20(4), 1087–1112.
- Khancel, I. (2007). Corporate governance: Measurement and determinant analysis. *Managerial Auditing Journal*, 22(8), 740-760.
- Kholmurodova, A. (2009). Family ownership and firm performance. M.Sc. Thesis in Business Administration (Finance and International Business), (December).
- Kortelainen, P. (2007). The effect of family ownership on firm performance: empirical evidence from Norway (Unpublished master thesis), Lappeenranta University of Technology, Norway.
- Kumar, J. (2004). Does ownership structure influence firm value? Evidence from India. *The Journal of Entrepreneurial Finance and Business Ventures* 9(2), 61-93.
- Kumar, N., & Singh, J. P. (2013). Effect of board size and promoter ownership on firm value: some empirical findings from India. *Corporate Governance: The International Journal of Business in Society*, 13(1), 88–98.
- Kutner, M. H., Wasserman, W., & Neter, J. (1983). Applied linear regression models. McGraw-Hill Irwin.
- Liao, J., & Young, M. (2012). The impact of residual government ownership in privatized firms: New evidence from China. *Emerging Markets Review 13*, 338–351.

- Lin, C., Ma, Y., & Su, D. (2009). Corporate governance and firm efficiency: Evidence from China's publicly listed firms. *Managerial and Decision Economics* 30, 1–31.
- Loncan, T. R., & Caldeira, J. F. (2014). Capital structure, cash holdings and firm value: A study of Brazilian listed firms. *Revista Contabilidade & Finanças*, 25(64), 46–59.
- Luo, Q., & Hachiya, T. (2005). Corporate governance, cash holdings, and firm value: Evidence from Japan, 8(4), 613–636.
- Martínez-Sola, C., García-Teruel, P. J., & Martínez-Solano, P. (2013). Corporate cash holding and firm value. *Applied Economics*, 45(2), 161–170.
- Matinez, J. I., & Stohr, B. S. (2005). Family ownership and firm performance: Evidence from public companies in Chile. *Universidad de Los Andes, Chile*.
- Maznevski, M. L. (1994). Understanding our differences: Performance in decision-making groups with diverse members. *Human Relation Journal*, 47(5), 531-552.
- Mikkelson, W. H., & Partch, M. M. (2003). Do persistent large cash reserves hinder performance? *Journal of Financial and Quantitative Analysis*, 38(2), 275–294.

Universiti Utara Malavsia

- Miller, D., Breton-Miller, I. L., Lester, R. H., & Cannella, A.A. (2007). Are family firms really superior performers? *Journal of Corporate Finance* 13(2007), 829-858.
- Modigliani, F., & Miller, M. (1958). The cost of capital, corporation finance and the theory of investment. *American Economic Review 48*(3), 261-297.
- Mueller, E., & Spitz, A., (2002). Managerial ownership and firm performance in German small and medium-sized enterprises. *Centre of Economic Performance*.
- Mukaka, M. M. (2012). Statistics corner: A guide to appropriate use of correlation coefficient in medical research. *Malawi Medical Journal*, 24(3), 69–71.

- Myers, S. C. (2001) Capital structure. *The Journal of Economic Perspectives, 15*(2), 81-102.
- Myers, S. C., & Majluf, N. S. (1984). Corporate financing and investment decisions when firms have information that investors do not have. *Journal of Financial Economics*, 13(2), 187–221.
- Opler, T., Pinkowitz, L., Stulz, R., & Williamson, R. (1999). The determinants and implications of corporate cash holdings. *Journal of Financial Economics*, 52(1), 3–46.
- Organisasi.org (2008). Retrieved November 17, 2015, from http://www.organisasi.org/1970/01/praktek-kkn-korupsi-kolusi-dan-nepotisme-di-indonesia-dilihat-dari-sudut-pandang-etika-bisnis.html
- Palia, D., & Lichtenberg, F. (1999). Managerial ownership and firm performance: A re-examination using productivity measurement. *Journal of Corporate Finance* 5(1999), 323-339.
- Price Waterhouse Cooper. (2014, November). Survey of family business. Retrieved from http://www.pwc.com/id/en/publications/assets/indonesia-report-family-business-survey-2014.pdf
- Puthenpurackal, J., & Upadhyay, A. (2013). Board gender diversity and firm performance: The impact of information environment. *University of Nevada*, *Nevada*.
- Qi, D., Wu, W., & Zhang, H. (2000). Shareholding structure and corporate performance of partially privatized firms: Evidence from listed Chinese companies. *Pacific-Basin Finance Journal*, 8(5), 587–610.
- Rajan, G., & Zingales, L. (1998). Financial dependence and growth. *The American Economic Review*, 88(3), 559-586.

- Razak, N. H. A., Ahmad, R., & Aliahmed, H. J. (2008). Government ownership and performance: An analysis of listed companies in Malaysia. Retrieved from http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1252072.
- Shleifer, A., & Vishny, R. W. (1997). A survey of corporate governance. *The Journal of Finance*, 52(2), 737-783.
- Shyu, J. (2011). Family ownership and firm performance: Evidence from Taiwanese firms. *International Journal of Managerial Finance* 7(4), 397-411.
- Stephenson, G. (2004). The judicial bookshelf. *Journal of Supreme Court History*, 29(2), 207-225.
- Susanti, A. N., Rahmawati, & Aryani, Y. A. (2010). Analysis the influence of corporate governance mechanism to the firm value with profitability as intervening variable in publicly manufacturing firm listed in Indonesia Stock Exchange from 2004 to 2007. Simposium Nasional Keuangan 1 Tahun 2010.
- Tradingeconomics.com (2015). Retrieved October 8, 2015, from http://www.tradingeconomics.com/indonesia/manufacturing-pmi
- Tribunnews.com (2013). Retrieved November 17, 2015, from http://www.tribunnews.com/nasional/2013/10/18/urus-korupsi-indonesia-lupa-kolusi-dan-nepotisme

Universiti Utara Malavsia

- Uno, J., & Kamiyama, N. (2010). Ownership structure, liquidity, and firm value, (February).
- Wahla, K., Shah, Shed Z. A., & Hussain Z. (2012). Impact of ownership structure on firm performance evidence from non-financial listed companies at Karachi Stock Exchange, 84(84), 6-13.
- Wibowo, A. T., & Nerisa (2009). Saham tidur sektor manufaktur-jasa menarik. Retrieved from Viva website: http://bisnis.news.viva.co.id/news/read/75365-saham_tidur_sektor_manufaktur_jasa_menarik

- Widarjono, A. (2007). The theory and application of econometrics for economy and business (2nd edition). UII, Yogyakarta.
- Wiranata, Y. A., & Nugrahanti, Y. W. (2013). The influence of ownership structure to the profitability in manufacturing company in Indonesia. *Jurnal Akuntansi dan Keuangan* 15(1), 15-26.
- Yermack, D. (1996). Higher market valuation of companies with a small board of directors. *Journal of Financial Economics* 40, 185-211.
- Yu, M. (2013). State ownership and firm performance: Empirical evidence from Chinese listed companies. *China Journal of Accounting Research*, 6(2), 75–87.
- Yulianto, A., Suhadak, Darminto, & Handayani, S. R. (2014). The role of corporate governance, dividend policy, and capital structure on ownership structure toward the firm value. *European Journal of Business and Management*, 6(8), 134–141.
- Zeitun, R., & Tian, G. G. (2007). Does ownership affect a firm's performance and default risk in Jordan? Corporate Governance: The International Journal of Business in Society 7(1), 66–82.