

長期投資與舉債對公司價值之影響

黃柏翔、劉文祺

E-mail: 343864@mail.dyu.edu.tw

摘要

本研究旨在探討台灣上市水泥類股之長期投資比率、負債比率與公司價值 (Tobin's Q) 之間是否存在門檻關係。本研究之研究期間為1991第1季至2010第2季，共78季，為一縱橫資料(Panel Data)，共選取6家台灣上市水泥類股，作為研究對象。經過嚴謹的實證過程，得到如下的主要結論：台灣水泥業上市公司之負債比率與公司價值的關係存在單一門檻效果，當負債比率低於門檻值44.93%時，負債比率與公司價值呈現顯著正向關係，但超過門檻值時，兩者的關係則呈現顯著負相關，導致公司價值逐漸遞減。另外台灣水泥業上市公司之長期投資與公司價值之間，則存在三個門檻效果，當長期投資比率處於「小於17.23%」、「17.23%~24.43%」及「24.43%~57.86%」三區間時，長期投資比率與公司價值之間皆呈現顯著的正向關係，其中以17.23%~24.43%這個區間，長期投資比率增加時，可促進公司價值的增加最為快速。

關鍵詞：長期投資比率、負債比率、公司價值、門檻效果

目錄

摘要.....	ii
Abstract.....	iii
致謝.....	iv
目錄.....	v
表目錄.....	vi
圖目錄.....	vii
第一章 緒論.....	vii
1 第一節 研究動機.....	1
2 第二節 研究目的.....	2
3 第三節 研究背景.....	3
第二章 文獻探討.....	4
第三章 研究方法.....	4
第四章 實證研究.....	9
第五章 結論.....	22
參考文獻.....	33
總頁數.....	34

參考文獻

- 一、中文文獻 邱毅、張訓華，1991，「股權結構、董事會組成與企業財務績效」，台北市銀月刊，第二十二卷第五期，11-32頁。二、英文文獻 Abuaf, N. and P. Jorion (1990), Purchasing Power Parity in the Long Run, *Journal of Finance*, 45, 1, 157-174. Agrawal, A. and C. R., Knoeber (1996), Firm Performance and Mechanisms to Control Agency Problems between Managers and Shareholders, *The Journal of Financial and Quantitative Analysis*, 31(3), 377-397. Altman, E. I. (1984), A Further Empirical Investigation of the Bankruptcy Cost Question, *The Journal of Finance*, 39(4), 1067-1090. Andrews, D. W. K. and W. Ploberger (1994), Optimal Tests When a Nuisance Parameter Is Present only under the Alternative, *Econometrica*, 62, 1383-1414. Bergman, Y. Z. and J. L. Callen (1991), Opportunistic Underinvestment in Debt Renegotiation and Capital Structure, *Journal of Financial Economics*, 29(1), 137-172. Bradley, M., G. A. Jarrell, E. H. Kim, and W. H. Mikkelsen (1984), On the Existence of an Optimal Capital Structure: Theory and Evidence/Discussion, *The Journal of Finance*, 39(3), 857-871. Brennan, M. and E. Schwartz (1978), Corporate Income Taxes, Valuation, and the Problem of Optimal Capital Structure, *Journal of Business*, 51, 103-114. Burgman, T. A. 1996, An Empirical Examination of Multinational Corporate Capital Structure, *Journal of International Business Studies*, 27(3), 553-471. Castanias, R. (1983), Bankruptcy Risk and Optimal Capital Structure, *The Journal of Finance*, 38(5), 1617-1636. Chan, K. S. (1993), Consistency and Limiting Distribution of the Least Squares Estimator of a Continuous Threshold Autoregressive Model, *The Annals of Statistics*, 21, 520-533. Chirinko, R. S. and A. R. Singha (2000), "Testing Static Tradeoff against Pecking Order Models of Capital Structure: A Critical Comment, *Journal of Financial Economics*, 58(3), 417-425. Cho, M. H., 1998, Ownership Structure, Investment, and the Corporate Value: an Empirical Analysis, *Journal of Financial Economics*, 47, 103-121. Chung, K. H. and S. W. Pruitt (1994), A Simple Approximation of Tobin's q, *Financial Management*, 23(3), 70-74. Davies, R. B. (1977), Hypothesis Testing When a Nuisance Parameter Is Present Only under the Alternative, *Biometrika*, 64, 247-254. Davies, R. B. (1987), Hypothesis Testing When a Nuisance Parameter Is Present Only under the Alternative, *Biometrika*, 74, 33-43. Demsetz, H. and B. Villalonga (2001), Ownership Structure and Corporate Performance, *Journal of Corporate Finance*, 7, 209-233. Flath, D. and C. R. Knoeber (1980), Taxes, Failure Costs, and Optimal Industry Capital Structure: An Empirical Test, *The Journal of Finance*, 35(1), 99. Goldstein, R., N. Ju, and H. Leland (2001), An EBIT Based Model of Dynamic Capital Structure, *Jorunal of Business*, 74, 483-512. Granger, C. and P. Newbold (1974), Spurious Regressions in Econometrics, *Journal of Econometrics*, 2, 111-120. Habertok, J. (2007), Long-Term Investments Can Yield High Returns, *Journal for Quality & Participation*; Summer2007, 30(2), 31-32. Hansen, B. E. (1996), Inference When a Nuisance Parameter Is Not Identified under the Null Hypothesis, *Econometrica*, 64, 413-430. Hansen, B. E. (1999), Threshold Effects in Non-Dynamic Panels: Estimation, Testing and Inference, *Journal of Econometrics*, 93, 345-368. Hay D. C., R. F. Baskerville, and T. H. Qiu. 2007. The Association between Partnership Financial Integration and Risky Audit Client Portfolios. *Auditing: A Journal of Practice & Theory* 26(2): 57-69. Hermalin, B. and Weisbach, M. (1988), The Determinants of Bard Composition, *Journal of Economics*, 19, 589-606. Himmelberg, C., R. Hubbard, and D. Palia (1999), Understanding the Determinants of Managerial Ownership and the Link between Ownership and

Performance, *Journal of Financial Economics*, 53, 353-384. Holderness, C., R. Kroszner, and D. Sheehan (1999), Were the Good Old Days That Good? Evolution of Managerial Stock Ownership and Corporate Governance Since the Great Depression, *Journal of Finance*, 54, 435-469. Im, K. S., M. H. Pesaran, and Y. Shin (2003), Testing for Unit Roots in Heterogeneous Panels, *Journal of Econometrics*, 115, 53-74. Jensen, M. C. (1986), Agency Costs of Free Cash Flow, Corporate Finance, and Takeovers, *he American Economic Review*, 76, 659-665. Jensen, M.C. and W. H. Meckling (1976), Theory of the Firm: Managerial Behavior, Agency Cost and Ownership Structure. *Journal of Financial Economics*, 3, 305-360. Kim, E. H. (1978), A Mean-Variance Theory of Optimal Capital Structure and Corporate Debt Capacity. *Journal of Finance*, 33(1), 45-64. Kim, W. S. and E. H. Sorensen (1986), Evidence on the Impact of the Agency Costs of Debt on Corporate Debt Policy, *Journal of Financial and Quantitative Analysis*, 21(2), 131-145. Kole, S. R. (1996), Managerial Ownership and Firm Performance: Incentives or Rewards? *Advances in Financial Economics*, 2, 119-149. Kraus, A. and R. H. Litzenberger (1973), A State Preference Model of Optimal Financial Leverage, *Journal of Finance*, 28(4), September, 911-922. Leland, H., and K. Toft (1996), Optimal Capital Structure, Endogenous Bankruptcy, and the Term Structure of Credit Spreads, *Journal of Finance*, 51, 987-1019. Lie, E. (2002), Do Firms Undertake Self-Tender Offers to Optimize Capital Structure? *The Journal of Business*, 75(4), 609-640. Linderberg, E. B. and S. A. Ross (1981), Tobin ' s q Ratio and Industrial Organization, *The Journal of Business*, 54(1), 1. Maddala, G.. S. and S. Wu (1999), A Comparative Study of Unit Root Tests with Panel Data and a New Simple Test, *Oxford Bulletin of Economics and Statistics*, 61, 631-652. McConnell, J. J. and H. Servaes (1990), Additional Evidence on Equity Ownership and Corporate Value, *Journal of Financial Economics*, Elsevier, 27(2), 595-612. Mehran, H. (1995), Executive Compensation Structure, Ownership, and Firm Performance, *Journal of Financial Economics*, 38, 163-184. Miller, M. H. (1977), Debt and Taxes, *Journal of Finance*, 32, 261-275. Modigliani, F. and M. H. Miller (1958), The Cost of Capital, Corporate Finance, and the Theory of Investment, *American Economic Review*, 48, 261-297. Modigliani, F. and M. H. Miller (1963), Corporate Income Taxes and the Cost of Capital: A Correction, *American Economics Review*, 53, 433-443. Morck, R., A. Shleifer, and R. W. Vishny (1988), Management Ownership and Market Valuation: An Empirical Analysis, *Journal of Financial Economics*, 20(1), 292-315. Morellec, E. (2001), Asset Liquidity, Capital Structure, and Secured Debt, *Journal of Financial Economics*, 61(2), 173-206. Myers, S. C. (1977), The Determinants of Corporate Borrowing, *Journal of Financial Economics*, 5, 147-175. Myers, S. C. and N. S. Majluf (1984), Corporate Financing and Investment Decisions When Firms Have Information That Investors Do Not Have, *Journal of Financial Economics*, 13(2), 187-222. Perfect, S. and K. Wiles (1994), Alternative Constructions of Tobin ' s Q: An Empirical Comparison, *Journal of Empirical Finance*, 1, 313-341. Philosophov, L. V. and V. L. Philosophov (1999), Optimization of Corporate Capital Structure: A Probabilistic Bayesian Approach, *International Review of Financial Analysis*, 8(3), 199-214. Ross, S. A. (1977), The Determination of Financial Structure: the Incentive Signaling Approach, *Bell Journal of Economics and Management Science*, 8(1), 23-40. Shyam-Sunder, L. and S. C. Myers (1999), Testing Static Tradeoff against Pecking Order Models of Capital Structure, *Journal of Financial Economics*, 51, 219-244. Titman, S. (1984), The Effect of Capital Structure on a Firm ' s Liquidation Decision, *Journal of Financial Economics*, 13, 137-151. Titman, S. and R. Wessels (1988), The Determinants of Capital Structure Choice, *The Journal of Finance*, 43(1), 1-21. Tong, H. (1978), On a Threshold Model, in C.H. Chen (ed.), *Pattern Recognition and Signal Processing*, Amsterdam: Sijthoff & Noordhoff, 101-141. Wells, B. P., L. A. Cox, and K. M. Gaver (1995), Free Cash Flow in the Life Insurance Industry, *Journal of Risk and Insurance*, 62, 50-66. Yu, M., Q. Zhang, and D. Yang (2008), Bankruptcy in Long-Term Investments, *Quantitative Finance*, 8(8), 777-794.