# The Effects of First Mover Advantages on the Performance of Taiwan Subsidiaries in China the Moderating Role of Late Co

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#### **ABSTRACT**

The study compared with first mover and late comer company who can get high performance in China. From the comprehensive literature review, we proposed the related framework of first mover advantages, late comer advantages and performance. The research purpose focus on: 1.the relationship between first mover advantages and performance. 2.how the moderating role of late comer advantages plays between first mover advantages and performance. The study collect 6 company of 3 industry as the sample for case study. By the timing they entry the China, we can distinguish first mover and late comer to compare with each other. And we can understand the first mover and late comer who can get high performance. Based on the interview, we found: 1.when first mover having higher first mover advantages, first mover can have higher market share and profitability. 2.when late comer advantages is high and make first mover advantages low, first mover can have lower market share and profitability.

Keywords: First Mover Advantages; Late Comer Advantages; Performance

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### **REFERENCES**

一、中文部份 1.王啟任(1999),「核心競爭力類型與進入時機策略之配適對經營績效影響之研究」台灣資訊電子業進入中國大陸市場 之實證」,中原大學企業管理學系未出版碩士論文。 2.陳國龍(1999),「先發優勢效果之研究 資源基礎觀點」,中原大學企業管理學 系未出版碩士論文。 3.姚子龍(2003), 「台商進入中國大陸市場時機與模式之研究-台商食品業為例」,中原大學企業管理學系未出版碩 士論文。 4.程淑莞(1989) , 「產業特質、廠商條件與進入時機策略關係之研究」 , 國立政治大學企業管理研究所未出版碩士論文。 5.楊 仁奇(1990),「先占廠商競爭優勢之策略分析」,國立台灣大學商學研究所未出版碩士論文。 6.沙愛琴(1997),「台灣高科技廠商時 基競爭能力實證研究 以市場先驅優勢觀點」,銘傳大學企業管理研究所未出版碩士論文。 7.彭玉樹(2000),「台商對外投資時機之研 究 以資訊電子、紡織和製鞋業為例」,國立政治大學企業館理學系未出版博士論文。8.陳映晴(2001),「海外投資先發者優勢機制之 研究 - 以台灣上市公司赴大陸投資為例 」國立東華大學國際企業研究所未出版碩士論文。 9.高坤勇(1990) , 「高集中度市場之進入策略 以飲料業為例」,國立台灣大學商學研究所未出版碩士論文。 10.廖文森(1995),「進入障礙、公司特質與進入策略、競爭策略關係之 研究--以臺灣地區先進汽車電子零組件廠商為例」,國立政治大學企業管理學系未出版碩士論文。 11.鍾貴平(1992),「進入順序與競爭 策略之研究 以人壽保險業為例」,國立台灣大學商學研究所未出版碩士論文。 12.吳泓緒(2002),「企業進入海外市場時機影響績效之 研究-以台商對大陸直接投資為例 」 , 政治大學國貿所未出版之碩士論文。 13.洪明洲(1995) , 「臺商投資大陸的先發後進策略之比較 」 ,理論與政策。 14.林玉祥(1996) , 「台商赴大陸投資的先發與後進優勢之研究 」 , 私立輔仁大學管理研究所未出版碩士論文。 二、英 文部分 1.Abell, D. F. and Hammond, J. S. (1979), Strategic Market Planning, Prentice-Hall Inc., Englewood Cliffs, JK. 2.Agarwal, Sanjeev & Sridhar N. Ramaswami (1992), "Choice of Foreign Market Entry Mode: Impact of Ownership, Location and Internalization Factors", Journal of International Business Studies, 23(1), pp. 1-27,. 3. Arrow, k., (1962), Economic Welfare and the Allocation of Resources for Inventions, In The Rate and Direction of Inventive Activity, ed. R, Nelson, Princetion University Press. 4. Boulding, W. & Christen, M. (2000). Sustainable Pioneering

Advantage? ProfitImplications of the Entry Timing Decision. Working Papers, INSEAD. 5. Calantone RJ, Zhao YS. (2000). Joint ventures in China: a comparative study of Japanese, Korean, and U.S. partners. Journal of International Marketing 9(1): 1-23. 6. Carpenter, G. S. and K. Nakamoto (1989). "Consumer Preference Formation and Pioneering Advantage." Journal of Marketing Research, Vol.26,pp.285-298. 7. Castro, J. and J. Chrisman (1995). "Order of Market Entry, Competitive Strategy, and Financial Performance." Journal of Business Research, Vol.33, pp.165-177. 8.Chen, H.& Chen, T.(1998). Network Linkage and Location Choice in Foreign DirectInvestment. Journal of International Business Studies, 29(3), 445-467, 9. Cohen and Levinthal (1990). "Absorptive capacity: A new perspective on learning and innovation." Administrative Science Quarterly, Vol. 35, pp.128-152. 10.D.J. Teece(1980), " Economies of Scope and the Scope of the Enterprise," Journal of Economic Behavior and Organization, 3, 223-247. 11. Dunning, J. H. (1998), Location and the Multinational Enterprise: A Neglected Factor?, Journal of International Business Studies, Vol. 29, pp.45-66. 12. Gilbert, R. J. and D. M. G. Newbery(1982), "Preemptive patenting and the persistence of monopoly" American Economic Review, 71, June, pp. 514-526 13. Hamel, G. and Prahalad. C. K. (1994) "Comepeting for the Future", Boston: Havard Busieess School Press. 14. Hannan, Michael. T. & John Freeman (1989), Organizational Ecology, Cambridge, Massachusetts: Harvard University Press. 15. Johanson, J. & Mattsson, L. (1988). Internationalization in Industry System: A NetworkApproach. In N. Hood and Jan-Erik Vahlne, (Eds), Strategies in GlobalCompetition. London, UK: Routledge. 16. Karakaya, F. and M. J. Stahl (1989) "Barriers to entry and market entry decisions in consumer and industrial goods markets", Journal of Marketing, Vol. 53, Iss. 2, pp.80-91. 17. Kerin, R. A., P. R. Varadarajan and R.A. Peterson (1992). "First Mover Advantage: A Synthesis, Conceptual Framework, and Research Proposition." Journal of Marketing, Vol.56, pp.33-52. 18. Lambkin, M. (1988). "Order of Entry and Performance in New Markets." Strategic Management Journal, Vol.9, pp.127-140. 19. Lieberman, M. B.& Montgomery, D. B.(1988). First-Mover Advantages. Strategic Management Journal, 9(Special Issue), 41-58. 20. Lieberman, M. B.& Montgomery, D. B.(1998). First-mover (Dis) Advantages: Retrospective and Link with the Resource-based View. Strategic Management Journal, 19(12), 1111-1125. 21.Lilien, G.L. and E. Yoon (1990). "The Timing of Competitive Market Entry: An Exploratory Study of New Industrial Products." Management Science, Vol. 36, pp. 568-585. 22. Luo, Y. (1998). Timing of Investment and International Expansion Performance in China. Journal of International Business Studies, 29(12), 391-407. 23. Luo, Y and M. W. Peng (1999). "Learning to Compete in a Transition Ecconomy: Experience, Environment, and Performance." Journal of International Business Studies, Vol. 30, pp.269-296. 24. Luo Y. (2002). Product diversification in international joint ventures: performance implications in an emerging market. Strategic Management Journal 23: 1-20. 25.Luo Y(2002). Stimulating exchange in international joint ventures: an attachment-based view. Journal of International Business Studies 33(1): 169-181. 26Mahoney, J.T & J.R. Pandian(1992), " The resource-based view within the conversation of strategic management", Strategic Management Journal, 13, pp. 363-380. 27. Nakata C. and K. Sivakumar (1997). "Emerging Market Condition and Their Impact on First Mover Advantages." Journal of Marketing Review, Vol.14, 28.Pan, Y., S. Li, & Tse, D. K.(1999). The Impact of Order and Mode of Market Entry on Profitability and Market Share. Journal of International Business Studies, 30(1),81-104. 29.Porter (1976), Interbrand Choice, Strategy and Bilateral Market Power, Harvard University Press , Cambridge, MA. 30. Prescott, E. C. and M. Visscher (1977), "Sequential Location Among Firms with Foresight," Bell of Journal of Economics 8, 387-393. 31. Raymond H. Vernon(1966), "International Investment and International Trade in the Product Cycle, " Quarterly Journal of Economics, 80, pp.190-207. 32. Robinson, W. T. (1988). Sources of Market Pioneer Advantage: The Case of Industrial Goods Industries. Journal of Marketing Research, 25(1), 87-94. 33. Robinson, W. T.& Fornell, C.(1985). The Sources of Market Pioneer Advantages in the Consumer Goods Industries, Journal of Marketing Research, 22(3), 297-304, 34. Robinson, W. T., Fornell, C.& Sullivan, M. W.(1992). Are Market Pioneers Intrinsically Stronger than Later Entrants? Strategic Management Journal, 13 (8), 609-624. 35. Schmalensee (1982), R. "Product Differentiation Advantages of Pioneering Brands", American Economic Review, 72, June, pp. 349-365. 36. Schnaars, S. P. (1986). "When Entering Growth Markets, Are Pioneers Betterthan Poachers?" Business Horizons, Vol.29, pp.27-36. 37. Shankar, V., G. S. Carpenter, and L. Krishnamurthi (1998). "Late Mover Advantage: How innovative Entry Outsell Pioneers." Journal of Marketing Research, Vol.35, pp.54-70. 38. Teece, David J. (1986), "Profiting from technological innovation: Implications for integration, collaboration, licensing and public policy", Research Policy, Vol.15, P. 285~305 39. Tellis, G. & P. N. Golder (1996). "First to Market, First to Fail? Real Causes of Enduring Market Leadership." Sloan Management Review, Winter Issue,pp.65-75. 40.Urban, et al, (1986) "Market Share Rewards to Pioneering Brands: An Empirical Analysis and Strategic Implication ", Management Science, 32 (June), pp.645-659. 41. Vorhies DW, Harker M. (2000). The capabilities and performance advantages of market-driven firms: an empirical investigation. Australian Journal of Management 25(2): 145-171. 42. Venkatraman, N, & V. Ramanujam. (1986). Measurement of business performance in strategy research: A comparison of approaches. Academy of Management Review, 11: 901-914. 43. Wenerfelt, B., Karnani, A. (1987), Competitive Strategy Under Uncertainty, Strategic Management Journal, 8, (March-April), pp.187-194. 44. Yin, R.K. (1984), Case study research: design and methods. Beverly Hills, CA: Sage Publications. 45. Yu, Chwo-Ming J. & Kiyohiko Ito (1988), "Oligopolistic Reaction and Foreign Direct Investment: The Case of the U.S. Tire and Textiles Industries, " Journal of International Business Studies, 19 (4), pp. 449-460. 46. Zhao H, Luo Y. (2002). Product diversification, ownership structure, and subsidiary performance in China 's dynamic market. Management International Review 42: 27-48.