

兩岸線上遊戲玩家知覺風險、信任與滿意度對忠誠度影響之研究：以轉換成本為調節變項

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摘要

各家遊戲廠商爭相推出各種類型新遊戲以吸引顧客，或增加故事劇情或資料片以擴充遊戲的發展性等。為了維持顧客或吸引新顧客，檯面上活動包括價格促銷，推出新遊戲，明星代言和配合其他加值活動的促銷等。在檯面下，公司則是致力於技術的提升，如繪圖技術的開發，讓遊戲畫面更生動、更有聲光效果。在安全機制上，為了保護線上玩家的資料安全，也利用許多保密技術，如亂碼計算器。在遊戲順暢度上，企業不只開發繪圖技術，還必須投入大量成本於主機設備上，防止過多玩家同時上線導致遊戲順暢度不足。故本研究主要試著以轉換成本來探討對兩岸玩家遊戲的滿意度與忠誠度之影響。此外，在許多有關電子商務及線上購物研究方面，知覺風險對於顧客的滿意度及再購買意願有著重要的決定因素，如安全或隱私問題。故本研究將研究知覺風險是否對於線上遊戲玩家的滿意度及忠誠度有所影響。此外本研究試著將信任加入研究架構中，探討當這樣風險產生時，顧客對於該公司或該線上遊戲的信任是否會有所影響。

關鍵詞：線上遊戲 轉換成本，知覺風險，信任，滿意度，忠誠度

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參考文獻

- 參考文獻 一、 中文部分 邱皓玟(2000), 量化研究及統計分析:SPSS 中文視窗板資料分析範例, 台北:五南 資策會編製(2007), 2010 年全球線上遊戲市場規模約94 億美元, 台北:編製者發行。 資策會編製(2008), 2003 - 2007 年台灣線上遊戲市場規模, 台北: 編製者發行。江逸之(2009, July 14), 新消費者運動:奧客商機, 天下雜誌, 426, 62-71 二、 英文部分 Antony, S., Lin, Z., Xu, B. (2006). Determinants of escrow service adoption in consumer-to-consumer online auction market: An experimental study. Journal of Decision Support Systems, 42(3), 1889-1900. Bass, F. (1974). The theory of stochastic preference and brand switching. Journal of Marketing Research, 11, 1-20. Bauer, H. M., & Grether, M. L. (2002). Building customer relations - 63 - over the Internet. Industrial Marketing Management, 31, 155-163. Bauer, R. A. (1960). Consumer behavior as risk taking. In R. S. Hancock (Ed.), Dynamic Marketing for a Changing World. (pp. 389-398). Chicago: America Marketing Association. Bearden, W. O., & Teel, J. E. (1983). Selected determinants of consumer satisfaction and complaint reports. Journal of Marketing Research, 20, 21-28. Bennett, R. (1996). Relationship formation and governance in consumer markets: Transactional analysis versus the

behaviorist approach. *Journal of Marketing Management*, 12, 417-436. Berger, I. E., & Mitchell, A. A. (1989). The effect of advertising on attitude accessibility, attitude confidence, and attitude behavior relationship. *Journal of Consumer Research*, 16, 269-279. Bhatnagar, A., Misra, S., & Rao, H. R. (2000). On risk, convenience, and internet shopping behavior. *Communications of the ACM*, 43(11), 98-114. Bhattacherjee, A. (2001). An empirical analysis of the antecedents of electronic commerce service continuance. *Decision Support Systems*, 32, 201-214. - 64 - Bhattacherjee, A. (2001). Understanding information systems continuance: An expectation confirmation model. *MIS Quarterly*, 25(3), 351-370. Bitner, M. J. (1990). Evaluating service encounters: The effects of physical surroundings and employee responses. *Journal of Marketing Research*, 52(4), 69-82. Blau, P. M. (1964). Exchange and power in social life. New York: Wiley. Bloemer, J. M. & Poiesz, T. B. (1989). The illusion of consumer satisfaction. *Journal of Consumer Satisfaction, Dissatisfaction and Complaining Behaviour*, 2(1), 43-48. Bolton, R. N., & Drew, J. H. (1991). A multistage model of customers' assessments of service quality and value. *Journal of Consumer Research*, 17(3), 375-84. Bradach, J., & Eccles, R., G. (1989). Price, authority, trust: From ideal types to plural forms. *Annual Review of Sociology*, 15, 97-118. Chaudhuri, A., & Holbrook, M. B. (2001). The chain of effects from brand trust and brand affect to brand performance: The role of brand loyalty. *Journal of Marketing*, 65, 81-93. Churchill, G. A., & Surprenant, C. (1982). An Investigation into the - 65 - determinants of consumer satisfaction. *Journal of Marketing Research*, 19(11), 491-504. Cox, D. F. & Rich, U. S. (1964). Perceived risk and consumer decision making: The Case of telephone shopping. *Journal of Marketing Research*, 1(4), 32-39. Cronin, J. J., & Taylor, S. A. (1994). Servperf versus servqual: Reconciling performance-based and perceptions-minus-expectations measurement of service quality. *Journal of Marketing*, 58(1), 125-31. Cunningham, S. M. (1967). The major dimension of perceived risk, in Donald F. Cox(Ed.), *Risk Taking and Information Handling in Consumer Behavior*, (pp. 82-108). Boston: Harvard University Press,. Day, G. S. (1969). A two-dimensional concept of brand loyalty. *Journal of Advertising Research*, 9, 29-35. Dick, A. S., & Basu, K. (1994). Customer loyalty: Toward an integrated conceptual framework. *Journal of the Academy of Marketing Science*, 22(2), 99-113. Doney, P. M., & Cannon, J. P. (1997). An examination of the nature of trust in buyer-seller relationships. *Journal of Marketing*, 61(2), 35-51. - 66 - Dwyer, F. R., Schurr, P. H., & Oh, S. (1987). Developing buyer-seller relationships. *Journal of Marketing*, 51, 11-27. Eriksson, K., & Vaghult, A. L. (2000). Customer retention, purchasing behavior and relationship substance in professional services. *Journal of Industrial Marketing Management*, 29, 363-372. Federal Trade Commission.(1998). [Online]. Available: www.ftc.gov/reports/privacy3/index.htm [1998, June 4]. Fornell, C. (1992). A national customer satisfaction barometer: The Swedish experience, *Journal of Marketing*, 56, 6-21. Forsythe, S. M. & Shi, B. (2003). Consumer patronage and risk perceptions in internet shopping. *Journal of Business Research*, 56, 867-875. Fram E. H., & Grady, D. B. (1997). Internet shoppers: Is there a surfer gender gap?. *Direct Marketing* 59(9), 46-50. Gambetta, D. (1988). Can we trust trust? In Diego Gambetta (Ed.), *Trust: Making and breaking co-operative relations*. Oxford: Basil Blackwell. Gimun, K., Bongsik, S., & Ho-Geun, Lee. (2006). A study of factors that affect user intentions toward email service switching. *Journal of Information & Management*, 43, 884-893. - 67 - Gremler, D. D., and Brown, S. W. (1996). *Service Loyalty: Its Nature, Importance, and Implications, Advancing Service Quality: A Global Perspective*, (pp. 171-180). International Service Quality Association. Grewal, D., Lindsey-Mullikin, J., & Munger, J. (2004). Loyalty in e-Tailing: A conceptual framework. *Journal of Relationship Marketing*, 2(3/4), 31-49. Gundlach, G. T., & Murphy, P. E. (1993). Ethical and legal foundations of relational marketing exchanges. *Journal of Marketing*, 57, 35-46. Hakansson, H. (1982). International marketing and purchasing of industrial goods. New York: Wiley. Hennig-Thurau, T., Gwinner, K. P., & Gremier, D. D. (2002). Understanding relationship marketing outcomes. *Journal of Service Research*, 4(3), 230-247. Hirschman, A. O. (1970), *Exit, Voice, and Loyalty: Responses to Decline in Firms, Organizations and States*, Cambridge, Massachusetts: Harvard University Press. Hoffman, D. L., Novak, T. P., & Peralta, M. A. (1999).Building consumer trust online environments: The case for information privacy. *Communications of the ACM*, 42(4), 80-85. - 68 - Jacoby, J., & Chestnut, R. W. (1978). Brand loyalty measurement and management. New York, Wiley. Jacoby, J., & Kaplan, L. (1972). The components of perceived risk. *Advances in Consumer Research*, 3, 382-383. James G. M. III. (2001). Service recovery's influence on consumer satisfaction, positive word-of-mouth, and purchase intentions. *Journal of Business Research*, 54, 11-24. Johnson, D., & Grayson, K. (2005). Cognitive and affective trust in service relationships. *Journal of Business Research*, 58, 500-507. Jonathan, L., Janghyuk, L., & Lawrence, F. (2001). The impact of switching costs on the customer satisfaction-loyalty link: mobile phone service in France. *Journal of services marketing*, 15(1), 35-48. Jones, T. O., & Sasser, E. E., Jr. (1995). Why satisfied customers defect. *Harvard Business Review*, 73(6), 88-101 Kennedy, M. L., & Ferrell, D. L. (2001). Consumer's trust of salesperson and manufacturer: An empirical study. *Journal of Business Research*, 51, 73-86. Knights, D. N., Faith, V. T., & Willmott, H. (2001). Chasing shadows: - 69 - Control, virtuality and the producer of trust. *Organization Studies*, 22(2), 311-336. Ko-de R., Martin, W., & Joee, B. (1998). On the relationship between perceived service quality, service loyalty and switching costs. *International Journal of Service & Industry Management*, 9(5), 470-490. Kolter, P. (1994) *Marketing Management: Analysis, Planning, Implementation and Control*. New Jersey New Jersey: Prentice-Hall. Lau, G. T., & Lee, S. H. (1999). Consumers' trust in a brand and the link to brand loyalty. *Journal of Market-Focused Management*, 4, 341-370. Lee, B.A., & Zeiss, C. A. (1980). Behavioral commitment to the role of sport consumer: an exploratory analysis. *Sociology and Social Research*, 64, 405-419. Lim, N. (2003). Consumers' Perceived Risk: Sources versus Consequences. *Electronic Commerce Research and Applications*, 2, 216-228. Lynch, P., Kent, R., & Srinivasan, S. S. (2001). The global internet shopper: Evidence from shopping tasks in twelve countries. *Journal of Advertising Research*, 41(3), 15-23. - 70 - Macneil, I. R. (1980). The new social contract: An inquiry into modern contractual relations. New Haven, Connecticut: Yale University Press. Marinoso, B. G. (2001). Technological incompatibility, endogenous switching costs and lock-in. *The Journal of Industrial Economics*, 44, 281-298. McAllister, D. J. (1995). Affect and cognition-based trust as functions for interpersonal cooperation in organizations. *Academy of Management Journal*, 38(1), 24-59.

Morgan, R. M., & Hunt, S. D. (1994). The commitment – trust theory of relationship marketing. *Journal of Marketing*, 28, 20-38. Neeru, S., & Paul, G. P. (2000). Switching costs, alternative attractiveness and experience as moderators of relationship commitment in professional, consumer services. *International Journal of Service & Industry Management*, 11(5), 470-490. Neeru S. (2003). The role of pure and quasi-moderators in services: an empirical investigation of ongoing customer-service-provider relationships. *Journal of Retailing and Consumer Services*, 10, 253-262 Nielson, C. C. (1996). An empirical examination of switching cost investments in business-to-business marketing relationships. *The - 71 - Journal of Business and Industrial Marketing*, 11, 38-60. Nooteboom, B., Berger, H., & Noorderhaven, N. G. (1997). Effects of trust and governance on relational risk. *Academy of Management Journal*, 40(2), 308-338. Oliver, R. L. (1980). A cognitive model of the antecedents and consequences of satisfaction decisions. *Journal of Marketing Research*, 17(3), 460-469. Oliver, R. L. (1993). Cognitive, affective, and attribute bases of the satisfaction response. *Journal of Consumer Research*, 20(3), 418-431. Oliver, R. L. (1996). Satisfaction. *A Behavioral Perspective on the Consumer*. New York: McGraw-Hill. Oliver, R. L. (1997). Satisfaction a behavioral perspective on the consumer. New York: McGraw-Hill. Oliver, R. L. (1999). Whence customer loyalty. *Journal of Marketing*, 63, 33-44. Olson, J. C. & Jacoby, J. (1971). A construct validations study of brand loyalty. *Proceedings of the American Psychological Association*, 6, 657-658. - 72 - Ostrom, A., & Iacobucci, D. (1995). Consumer tradeoffs and evaluation of services. *Journal of Marketing*, 59(1), 17-28. Parasuraman, A., Zeithaml, V. A., & Berry, L. (1988). SERVQUAL: A multiple item scale for measuring consumer perceptions of service quality. *Journal of Retailing*, 64(1), 12-40. Perry, M. & Hamm, B. C. (1969). Canonical analysis of relations between socioeconomic risk and personal influence in purchase decisions. *Journal of Marketing Research*, 6(8), 351-354. Pessemier, E. A. (1959). A new way to determine buying decisions. *Journal of Marketing*, 24, 41-46. Peter J. P., & Ryan, M. (1976). An investigation of perceived risk at the brand level, *Journal of Marketing Research*, 13, 184-188. Raju, J., Srinivasan, S. V. & Lal, R. (1990). The effects of brand loyalty on competitive price promotional strategies. *Management Science*, 36, 276-304. Ratnasingham, P. (1998). The importance of trust in electronic commerce. *Internet Research: Electronic Networking Applications and Policy*, 8(4), 131-321. Reichheld, F. F., & Schefter, P. (2000). E-loyalty your secret weapon on the Web. *Harvard Business Review*, 78(4), 105-113. - 73 - Reichheld, F. F., Markey, R. G., & Hopton, C. (2000). E-customer loyalty: Applying the traditional rules of business for online success. *Journal of European Business*, 12(4), 173-180. Reynolds, J. (2000). E-commerce: A critical review. *International Journal of Retail Management*, 28(10), 417-444. Roselius, T. (1971). Consumer Rankings of Risk Reduction Methods. , *Journal of Marketing*, 35, 56-61. Rushton, J. P. (1980). Altruism, socialisation, and society. New York: Prentice-Hall. Selnes, F. (1993), An examination of the effect of product performance on brand reputation, satisfaction and loyalty. *European Journal of Marketing*, 27(9), 19-35. Selnes, F. (1998). Antecedents and consequences of trust and satisfaction in buyer-seller relationships. *European Journal of Marketing* 32(3/4), 305-322. Shapiro, C. (2000). Will E-commerce erode liberty. *Harvard Business Review*, 189-196. Sharma, N., & Patterson, P. (2000). Switching costs, alternative attractivenessand experience as moderators of relationship commitment in professional consumer services. *International Journal of Service Industry Management*, 11, 470-490. Sirdeshmukh, D., Singh, J., & Sabol, B. (2002). Consumer trust, value, and loyalty in relational exchanges. *Journal of Marketing*, 66, 15-37. Smith, R. E. & Swinyard, W. R. (1988). Cognitive response to advertisingand trial: Beliefstrength, belief confidence and productcuriosity. *Journal of Advertising*, 17(9), 3-14. Sophea, C., Margaret, M. L. (2006). E-Service Customer Retention :The Roles of Negative Affectivity and Perceived switching Costs. *Journal of Information Science and Technology*, 3(2), 5-23. Stewart, K. J. (2003). Trust transfer on the World Wide Web. *Organization Science*, 14(1), 5-17. Stone, R. N., & Gronhaug, K. (1993). Perceived Risk: Further Considerations for the Marketing Discipline. *European Journal of Marketing*, 27, 39-50. Sultan, F., & Mooraj, H. A. (2001). Designing a trust-based E-business strategy. *Journal of Marketing Management*, 11, 40-45. Sweeney, J. C., Soutar, G. N., & Johnson, L. W. (1997). Retail service quality and perceived value: A comparison of two models. *Journal of Retailing and Consumer Service*, 4(1), 39-48. Tan, S. J. (1999). Strategies for reducing customer ' s risk aversion and internet shopping. *Journal of Consumer Marketing*, 16(2) 163-180. Tes, D. K. & Wilton, P. C. (1988). Models of Consumer Satisfaction Formation: An Extension. *Journal of Marketing*, 11, 204-212. Verhoef, P. C., Francis, P. H., & Hoekstra, J. C. (2002). The effect of relational constructs on customer referrals and number of services purchased from multiservice provider: Does age of relationship matter. *Academy of Marketing Science*, 30(3), 204-212. Westbrook, R. A. (1980). Intrapersonal affective influences on consumer satisfaction with products. *Journal of Consumer Research*, 7, 49-54 Williamson, O. E. (1981). The economics of organization: The transaction cost approach. *American Journal of Sociology*, 87, 548-577. Woodside, A. G. (1976). Interactions of Consumption Situations and Brand Attitudes. *Journal of Applied Psychology*, 61(6), 764-769. Yi, Y. (1990). A critical review of consumer satisfaction. *Review of marketing*. Chicago: American Marketing Association, 4, 68-123. Zeithaml, V. A., Berry, L. L. & Parasuraman, A. (1996). The behavioral consequences of service quality. *Journal of Marketing*, 60, 31-46. Zhilin, Y., & Robin, T. P. (2004). Customer perceived value, satisfaction, and loyalty : The role of switching costs. *Psychology & Marketing*, 21(10), 99-822 Zikmund, W., & Scott, J. (1973). A multivariate analysis of perceived risk, self confidence and information sources, *Advances in Consumer Research*, 1, 406-416.