

遊戲機使用動機、滿意度與忠誠度之研究

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摘要

本研究主要目的在瞭解遊戲機玩家使用動機、滿意度與忠誠度之關係，並分析不同背景玩家在三個變項上的差異。以使用遊戲主機(XBOX360、Play Station 3、Wii或其他)之玩家為研究對象，利用網路問卷進行資料收集，總計填答463份，扣除無效問卷63份後之有效問卷為400份，有效問卷回收率為86.39%。回收資料以統計套裝軟體SPSS18中文版進行統計分析後，獲得以下結果：(一)遊戲機玩家使用動機為中等偏高程度($M=3.52$)，也有中等篇高的滿意程度($M=3.42$)，而忠誠度為中等程度($M=3.2$)。(二)不同背景變項玩家在使用動機，有部份構面達顯著差異。(三)不同背景變項玩家在滿意度，有部份構面達顯著差異。(四)不同背景變項玩家在忠誠度，有部份構面達顯著差異。(五)遊戲機使用動機能顯著預測使用滿意度；遊戲機使用滿意度能顯著預測忠誠度。最後，根據研究結果提出建議，以供遊戲廠商及未來研究之參考。

關鍵詞：使用動機、滿意度、忠誠度

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參考文獻

- 一、中文部份 MIC-電子工程專輯(2011)，電玩族是台灣數位娛樂產業重要參與者【線上資料】，來源: http://www.eettaiwan.com/ART_8800641618_622964_NT_9252df3c.HTM[2011, May 25]。 PS官方網站(2012) , PlayStationRStore@PS3?【線上資料】，來源: <http://asia.playstation.com/tw/cht/psn/ps3Store>[2011, October 25]。 WII官方網站(2012) , 社長提問WII企劃～WII誕生的背景Vol.2 WII遙控器篇【線上資料】，來源: http://www.nintendo.tw/wii_interview_vol2_01.htm[2011, October 25]。 XBOX官方網站(2012) , 告訴你XBOX的娛樂新體驗【線上資料】，來源: <http://www.xbox.com/zh-TW/entertainment?xr=shellnav>[2011, October 25]。 王居卿、張威龍、陳明杰等譯(2002) , Bearden, Ingram & LaForge 原著行銷學:原理與觀點。前程, 91-96。行銷人電子報(2011) , 遊戲機種市佔率【線上資料】，來源: <http://life.trendgo.com.tw/epaper/469>[2011, October 25]。 池熙璿(1998) , 原住民網路新聞討論群之研究—以tw.bbs.soc.tayal 為例，淡江大學大眾傳播學系傳播碩士論文，未出版，台北。余泰魁、李能慧(2001) , 台灣地區北部民眾對金門旅遊滿意度模式之建構與實證，戶外遊憩研究，14(4), 51-76。吳惠玲(2009) , 由商業形象、購買動機探討顧客滿意度與顧客忠誠度以Mister Donut 為例，國立政治大學管理研究所碩士論文，未出版，台北。吳淑如(1997) , 電腦中介傳播系統使用與組織溝通滿足之關聯性研究-

以軍事院校學生使用校內電子佈告欄系統為例，政治作戰學校新聞學系碩士論文。林子凱(2002)，線上遊戲『天堂』之使用者參與動機與滿意度研究，國立成功大學企業管理研究所碩士論文，未出版，台南。施洞泰(2008)，次世代家用遊戲主機購買者之市場區隔與消費者行為關係之研究-以XBOX360、PLAY STATION3、WII為例，靜宜大學觀光事業學系研究所碩士論文，台中。科技產業資訊室(2012)，市場報導【線上資料】，來源：<http://iknow.stpi.org.tw/>。科技產業資訊室(2011)，XBOX 360遊戲機全面更新介面，往全方位市場前進【線上資料】，來源：<http://iknow.stpi.org.tw/Post/Read.aspx?PostID=6741>[2011, October 25]。馬啟偉、張力為(1996)，體育運動心理學，台北市:東華。高希均(2009)，導讀「軟實力」，贏在軟實力 華人企業領袖的二十堂課，9-20。台北市:天下文化。陳俊良(2002)，線上遊戲顧客忠誠度之研究，國立台灣科技大學企業管理系研究所碩士論文，台北。陳建文(2005)，電子遊戲產業分析與台灣遊戲廠商之策略研究，國立台灣大學國際企業學研究所碩士論文，台北。陳啟倫(2007)，健康體適能俱樂部會員支持動機、滿意度與再購意願之研究，輔仁大學體育學系研究所碩士論文，新北。陳貞婷(2009)，迷你筆記型電腦(Net Book)消費購買動機、購買重視因素與顧客滿意度、顧客忠誠度之研究-以台灣區Net Book使用者為例，國立政治大學管理研究所碩士論文，未出版，台北。陳芊君(1999)，Wii遊戲機的問世對女性電玩遊戲動機與觀感的影響，國立交通大學管理學院研究所碩士論文，新竹。張武成(2002)，線上遊戲軟體設計因素與使用者滿意度關聯之研究，淡江大學資訊管理研究所碩士論文，未出版，新北。張春興(1997)，教育心理學，台北:東華書局。張意珮(2002)，線上遊戲使用者轉換因素之研究，元智大學資訊管理研究所碩士論文，桃園。教育百科辭典編審委員會(主編)(1994)，教育百科辭典，台北市:五南。許樹淵(1999)，如何提昇大專學生競技運動能力水準，大專體育雙月刊，43, 7-11。許敦傑(2009)，由購買動機、品牌形象探討顧客滿意度與顧客忠誠度關係-以日本UMPC 品牌KJS 為例，國立政治大學經營管理系研究所碩士論文，未出版，台北。黃英忠(1993)，現代人力資源管理，台北:華泰。黃俊英(2000)。多變量分析。中國經濟企業研究所。黃俊英(2001)，行銷學的世界，台北:天下文化。黃怡音、林于勝、周樹林(2005)，數位內容市場趨勢與產業發展策略分析，台北市:財團法人資料工業策進會 MIC。榮泰生(1999)，消費者行為，台北:五南。管孟忠、林家卉(2003)，「建構線上遊戲服務品質決策模式之研究- 以台灣地區線上遊戲產業為例」，2003 電子商務與數位生活研討會，1544-1564。蒲秀華(2008)，企業購買動機、購買決策與購後滿意度之研究-以綠色能源(Micro DMFC產品)為例，國立成功大學高階管理研究所碩士論文，未出版，台南。蔡孟桓(2006)，電視購物國內旅遊產品購買動機、知覺價值、滿意度與行為意圖之研究-以衝動程度與涉入程度為區隔變數，南華大學旅遊事業管理研究所碩士論文，嘉義。鄭錫錚(2003)，志工之領導議題，志工管理，江明修主編，23-46。台北:智勝。盧俊宏(1994)，運動心理學，台北:師大書苑。二、英文部分 Alderfer, C. P. (1969). "An Empirical Test of a New Theory of Human Needs". *Organizational Behavior and Human Performance*, 4, 142-175. Alderfer, C.P. (1972). A critique of Salancik and Pfeffer's Examination of Need-satisfaction theories. *Administration Science Quarterly*, 22(4), 658-669. Anderson, E. W., & Mary, W. S. (1993). The antecedents and consequences of customer satisfaction for firms. *Marketing Sciences*, 12(2), 125-143. Berry, L. L., & Parasuraman, A. (1991). *Marketing service-Competing Through Quality*, New York: The Free Press. Bhote, K. R. (1996). *Beyond Customer Satisfaction to Customer Loyalty-The Key to Greater Profitability*, American Management Association, New York: 31. Bitner, M. J. (1990). Evaluating Service Encounters: The Effects of Physical Surroundings and Employee Responses. *Journal of Marketing*, 54, 69-82. Brown, G. H. (1952). Brand Loyalty-Fact or Fiction ? *Advertising Age*, 23(June):53-55. Bulltena, C. L., & Klessing, L. L. (1969). Satisfaction in Camping : A Conceptualization and Guide at Social Research. *Journal of Leisure Research*, 32, 348-364. Cardozo, R. N. (1965). An experimental study of consumer effort, expectancy and satisfaction .*Journal of Marketing Research*, 21, 244-249. 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(2), 81-93. Churchill, G. A., & Suprenant, J. C. (1982). An Investigation into the determinants of Consumer Satisfaction. *Journal of Marketing Research*, 19, 491-504. Crandall, R. (1980). Motivations for leisure. *Journal of Leisure Research*, 12(1), 45-54. Day, R. L., & Hunt, H. K. (1997). Toward a Process Model of Consumer Satisfaction, in *Conceptualization and Measurement of Consumer Satisfaction and Dissatisfaction*. Cambridge: Marketing Science Institute. Decarlo, T. J. (1974). Recreation participation patterns and successful aging. *Journal of Gerontology*, 29, 416-422. DeLone, W. H., & McLean, E. R. (1992). Information Systems Success: The Quest for the Dependent Variable. *Information Systems Research*, 6(2), 252-263. Dick, A. S., & Basu, K. (1994). "Customer Loyalty:Toward an Integrated Conceptual Framework ". *Journal of the Academy of Marketing Science*, 22, 99-113. Francken, D. A., & Van Raaij, W. F. (1981). Satisfaction with leisure time activities. *Journal of Leisure Research*, 13, 337-352. Festing, L. (1957). A theory of cognition dissonance. New York : Harper & Row. Fornell, C. (1992). "A National Customer Satisfaction Barometer: The Swedish Experience ". *Journal of Marketing*, 55, 1-22. Fornell, C., Johnson, M. D., Anderson, E. W., Jaesung, C., & Bryant, B. E. (1996). The American Customer Satisfaction Index: Nature, Purpose, and Findings. *Journal of Marketing*, 60(3), 1-13. Graney, M. J. (1975). Happiness and social participation in aging. *Journal of Gerontology*, 30, 701-706. Grewal, D., Krishnan, R., Baker, J., & Borin, N. (1998). The Effect of Store Name, Brand Name and Price Discounts on Consumers' Evaluations and Purchase Intentions. *Journal of Retailing*, 74(3), 331-352. Gronholdt, L., Martensen, A., & Kristensen, K. (2000). "The Relation Between Customer Satisfaction and Loyalty: cross-industry Different ". *Total Quality Management*, 11(5), 509-516. Hartmann, T., & Klimmt, C. (2006). Effectance, self-efficacy, and the motivation to play video games. In P. Vorderer & J. Bryant (Eds.), *Playing Video Games - Motives, Responses, and Consequences*. NJ: Lawrence Erlbaum Associates, 133-145. Helson, H. (1964). Adaptation-level theory. New York : H & Row. Hempel, D. J. (1981). Consumer satisfaction with the home buying process:Conceptualization and measurement. Cambridge: Marketing science institute. Hennig-Thurau, T., & Hansen, U. (2000). Relationship marketing: gaining competitive advantage through customer satisfaction and customer retention. Hannover, Springer. Hovland, C.I., Harvey, O. J., & Sherif, M. (1957). Assimilation and Contrast Effects in Reactions to Communication and attitude Change, *Journal of Abnormal and Social Psychology*, 55, 244-254. Howard, J. A., & Sheth, J.N. (1969). *The Theory of Buyer Behavior*. New York: John Wiley and Sons. Ives, B., & Olson, M. H. (1984). User involvement and MIS success: a review of research. *Management Science*, 30(5), 586-603. Lewinski, J. S. (1999). Developer's guide to computer

game. Texas: Wordware Publishing. Jones, T. O., & Sasser, W. E. (1995). " Why satisfied customer defect ". Harvard Business Review, 72 (2), 164-174. Kim, M. K., Park, M. C., & Jeong, D. H. (2004). The Effect of Customer Satisfaction and Switching Barrier on Customer Loyalty in Korean Mobil Telcommunication Services. Telcommunications Policy, 28, 145-149. Klug, G. C., & Schell, J. (2006). Why people play games: An industry perspective. In P. Vorderer & J. Bryant (Eds.), Playing video games: Motives, responses, and consequences (pp. 91-100). Mahwah, NJ: Lawrence Erlbaum Associates. Kotler, P. (1996). Marketing management: analysis, planning, implementation and control(9th ed). New Jersey: Prentice Hall. Kotler, P. (1999). Marketing management: analysis, planning, ng Learning Fun: A implementation and control.Englewood Cliffs, New York: Harper and Row. Krcmar, M., & Greene, K. (1999). Prediction exposure to and uses of television violence. Journal of Communication, 49, 24-45. Kristensen, K., Martensen, A., & Gronholdt, L. (2000). " Customer satisfaction measurement at Post Denmark: Results of Application of the European Customer Satisfaction Index Methodology ". Total Quality Management, 20 (8), 33-46. Latour, S.A., & Peat, N.C. (1979). Conceptual and metho dological issuses in consumer satisfaction research. Advances in Consumer Research, 6 (1), 431- 437. Lavidge, R. J., & Steiner, G. A. (1961). A Model for Predictive Measurementsof Advertising Effectiveness. Journal of Marketing, 25, 59-62. Lipstein, B. (1959). The dynamics of brand loyalty and brand switching, Proceeding of the Fifth Annual Conference of the Advertising Research Foundation, New York: 101-108. Lepper, M. R., & Malone, T. W. (1987). Maki Taxonomy of Intrinsic Motivations for Learning. New Jersey: Lawrence Erlbaum Assoc, 225-254. Leitch, A., & Robert, K., & Davis, R. (1992). Accounting Information System. Prentice-Hall International Editions. Lovelock, C. (2001). Services Marketing-People, Technology, Strategy, N.J: Prentice Hall. Lucas, k., & Sherry, J. L. (2004). Sex differences in video game play: A communication-based explanation.Communication Research, 31(5), 499-523. Mannell, R. C., & Kleiber, D. A. (1997). A social psychology of leisure. State College, PA: Venture Publishing . Marchand, D. (1990). Managing Information Quality, In Book Information Quality: Definitions and Dimensions., Edited by Wormell, I., Taylor G., Los A., 7-17. Maslow, A. H. (1943). A theory of human. Psychological Review, 50, 370-396. Maslow, A. H. (1954). Movivation and personality. New York: Harper and Row. Massy, W. F., David, B., Montgomery., & Donald, G. M. (1970). " Stochastic Models of Buying Behavior ". Cambridge. MA: The M.I.T.Press. McClelland, D. C. (1995). Power is the great motivator. Harvard Business Review, 73(1), 126-135. Meyer, J. P., & Allen, N. J. (1997). Commitment in the Workplace: Theory, Research and application. Thousand Oaks, CA:Sage. Miller, J. A. (1977). Studying Satisfaction, Modifying Models, Eliciting Expectation, Posing Problems and Making Meaningful Measurements. In H.K. Myers, D. (1990). Computer game genres. Play and Culture, 3, 286-301. Newsome, P. R., & Wright., G. H. (1999). A review of patient satisfaction, dental patient satisfaction, An appraisal of recent literature. British Dental Journal, 186(4),166-170. Oh, H. M. (1999). Service Quality, customer satisfaction, and customervalue: A holistic perspective. International Journal of Hospital Management, 4, 67-82. Oliver, R. L. (1981). What is customer satisfaction. Wharton Magazine, 5(1), 36-41. Oliver, R. L. (1993). Cognitive, Affective, and Attribute base of the Satisfaction response. Journal of Consumer Research, 17, 460-469. Oliver, R. L. (1997). Satisfaction A Behavioral Perspective on the Consumer. United States of America: The McGraw-Hill Companies, Inc. Oliver, R. L., Rust, R. T., & Varki, S. (1997). Customer Delight: Foundations, Findings, and Managerial Insight. Journal of Retailing, 73, 311-336. Palmore, E. B. (1979). Predictors of successful aging. The Gerontologist, 19, 427-431. Parasuraman, A., Zeithaml, V. A., & Berry, L. L. (1993). " Thenature and determinants of customer expectations of service. " Journal of the Acdemey of Marketing Science, 21, 1-12. Phillips, C. A., Rolls, S, Rouse, A., & Griffiths, M. D. (1995). Home video game playing in schoolchildren: A study of incidence and patterns of play. Journal of Adolescence, 18, 687-691. PriceWaterhouseCoopers (2005). " Video Game, " Global Entertainment and Media Outlook: 2005-2009 Prus, A., & Brandt. D. R. (1995). Uderstanding your customers. Marketing tools, 2(5), 10-13. Raphael, N., & Raphael, M. (1995). Loyalty Ladder. Harper Collins Publishers Inc. Reichheld, F., & Sasser, W. (1990). " Zero Defections:Quality Comes to Services. Harvard Business Review, 68(5), 105-111. Riddick, C. C., & Daniel, S. N. (1984). The relative contribution of leisure activities and, other factors to the mental health of older women. Journal of Leisure Research, 16(2), 136-148. Rieber, L. P. (1996). Seriously considering play: Developing interactive learning environment based on the blending of microworlds, simulations and games. Educational Technology Research and Development, 44(2), 43-58. Rollings, A., & Adams, E. (2003). Andrew Rollings and Ernest Adams on Game Design. Indiana: New Riders. Ryan, J. (1995). A uses and gratification study of the internet social interaction site Lambda MUD: Talking with DINOS, Ball State University, Thesis for Master Degree. Ryan, M. J. (1999). " Diagnosing Customer Loyalty Drivers ". Marketing Research, 11(2), 18-27. Smith, B. (1998). Buyer-seller relationship:bonds, relationship managem-ent, and sex-type. Revue Canadienne des Sciences de L ' Administration, 15(1), 76- 92. Sneegas, J. J. (1986). The relationship of perceived social competence to leisure participation, leisure satisfaction, and life satisfaction in older adults(CD-ROM). Abstract from: Proquest File:Dissertation Abstracts Item: 8521882 Spreng, R. A., MasKenzie, S. B., & Ollshavsky, R. W. (1996). A Reexamination ofthe Determinants of Consumer Satisfaction. Journal of Marketing, 60(3), 15-32. Tse, D. K., & Wilton, P. C. (1988). Models of consumer satisfaction: an extension. Journal of Marketing Research, 25, 204-212. Farley, F. (1986). World of the type T personality. Psychology Today, 20, 46-52. Zaltman, G. (2000). Consumer research: take a hike. Journal of Consumer Research, 26, 423-428. Zuckerman, M. (1978). Sensation seeking. In H. London & J. Exner (Eds.), Dimensions of personality. New York: Wiley.