The Research of Brand Awareness, Perceived Risk and Product Knowledge on Consumers ' Purchase Intention - A Case of Table

李詩琪、洪朝陽

E-mail: 374751@mail.dyu.edu.tw

ABSTRACT

The iPad has made a comeback since the Apple Inc. released it in January, 2010. This subverts the way consumers use electronic products. The upsurge of the public frenzy has made swarms of international companies enter the market of tablet PC. Among a diversity of brands, how do consumers choose a product which can literally meet their needs? Can a product with high brand awareness be truly trusted by consum-ers and further boost their purchase intention? This study discussed the influence of brand awareness on Tablet PC purchase intention and the mediating effect of perceived risk on brand awareness and purchase intension. Besides, the research discussed the moderating effect of product knowledge between brand awareness and perceived risk. The participants of the study are all Internet users, and the research samples were collected through online survey questionnaire. Of all questionnaires mailed , 357 re-sponses were received , 32 unusable responses were dropped from the analysis; hence , the final usable responses were 325. Descriptive statistics, reliability analysis, factor analysis, Pearson correlation analysis, and hierarchical regression analysis were applied to analyze the data. The findings of this results are that: 1. Brand awareness has significant and positive effects on purchase intention. 2. Brand awareness has significant but negative effects on perceived risk. 3. Perceived risk has significant but negative effects on purchase intention. 4. The mediating effect of perceived risk on brand awareness and purchase intension is supported. 5. Product knowledge has moderating effect between brand awareness and per-ceived risk. Finally, some suggestions according to the empirical result of this study were discussed.

Keywords: Brand Awareness, Perceived Risk, Product Knowledge, Consumers' Purchase Intention, Tablet PC

Table of Contents

中文摘要 i 英文摘要 ii 謝誌 iv 內容目錄 vi 表目錄 viii 圖目錄 ix 第一章 緒論 1 第一節 研究背景 1 第二節 研究動機 2 第三節 研究問題 4 第四節 研究目的 5 第五節 研究流程 6 第二章 文獻探討 7 第一節 品牌知名度 7 第二節 知覺風險 9 第三節 產品 知識 12 第四節 購買意願 14 第五節 各構念間之關係 16 第三章 研究設計 20 第一節 研究架構 20 第二節 研究假說 21 第三節 變數操作性定義及衡量 21 第四節 前導研究 25 第五節 問卷設計與資料蒐集 26 第六節 資料分析方法 28 第四章 資料分析與研究結果 30 第一節 敘述性統計分析 30 第二節 信效度分析 34 第三節 相關分析 39 第四節 迴歸分析 40 第五章 結論與建議 47 第一節 結論 47 第二節 管理意涵與建議 49 第三節 研究限制與後續研究建議 51 參考文獻 53 附錄 65

REFERENCES

一、中文部分 王偉國(2010)。消費者使用科技創新產品之因素探討-以平板電腦為例。未出版碩士論文,國立成功大學,台南市。 王 碩薇(2010)。以科技接受模型與動機理論探討使用者對iPad之購買意願。未出版碩士論文,國立中央大學,桃園縣。 王維鳴(2001) 。虛擬社群與虛擬經驗、網路練達性、產品知識與產品資訊搜尋成本對消費者認知風險影響之研究。未出版碩士論文,國立中央大學 ,桃園縣。 田裕斌(2011年4月26日)。數位瘋 網友最想買智慧型手機。中央通訊社。線上檢索日期:2012年9月10日。網址: http://tw.news.yahoo.com/%E6%95%B8%E4%BD%8D%E7%98%8B-%E7%B6%B2%E5%8F%8B%E6%9C%80%E6%83%B3%E8%B2%B 7%E6%99%BA%E6%85%A7%E6%89%8B%E6%A9%9F-105112066.html 江思瑤(2009)。品牌知名度對品牌忠誠度影響之研究-以知覺 風險與知覺品質為中介變數。未出版碩士論文,私立實踐大學,台北市。 李志珍(2012)。青年粉絲對韓國偶像崇拜、周邊商品知覺 價值與購買意願關係之研究。未出版碩士論文,國立東華大學,花蓮縣。 林俊宏(2002)。消費者特性、新產品屬性及環境變數對創 新購買意願之影響。未出版碩士論文,國立成功大學,台南市。 張重昭(1980)。高科技產品之特質、行銷問題與行銷決策。台北市 銀月刊,20,38-56。 張智鈞(2008)。電影消費者消費行為與休閒效益之研究 - 以台北威秀電影院為例。未出版碩士論文,國立台灣 師範大學運動與休閒管理研究所,台北市。 許士軍(1990)。管理學(十版)。台北:東華。 許瑋妙(2010)。台灣製產品MIT微笑標 章對知覺品質、知覺風險與購買意願之影響---以愛國主義與敵意為干擾變數。未出版碩士論文,私立大同大學,台北市。 陳丹葳 (2009)。品牌知名度對希望、知覺價值、知覺風險及購買意願的影響---以優酪乳為例。未出版碩士論文,國立成功大學,台南市。 陳逸民 (2010年3月)。iPad效應持續升溫,平板電腦時代正式來臨。光連雙月刊,86,56-59。 陳曉莉(2011年11月23日):非iPad平板電腦在 今年前10月售出120萬。iThome。線上檢索日期:2012年5月23日。網址: http://www.ithome.com.tw/itadm/article.php 楊琇羽(2012年12 月6日)。IDC:今年平板電腦出貨估增4%「蘋」板家族市占竟失色。鉅亨網。線上檢索日期:2012年9月10日。網址:

```
http://news.cnyes.com/Content/20121206/KFOGRY6S45YXV.shtml 資策會FIND (2012)。經濟部技術處「科技化服務價值鏈研究與推
動計畫」。線上檢索日期:2012年11月23日。網址: http://www.find.org.tw/find/home.aspx?page=many&id=315 劉月珍(2012)。外部線
索對智慧型手機購買意願之影響 - 以產品涉入為干擾變數。未出版碩士論文,私立大葉大學,彰化縣。 蔡庚孜(2008)。彩妝品品牌
形象、品牌知名度對女性消費者購買決策之影響—以知覺風險為中介效果之驗證。未出版碩士論文,國立成功大學,台南市。 蕭文龍
(2011)。多變量分析。台北:碁峰資訊。 蕭恒哲(2011)。以社會比較理論探討平板電腦的採用意願-以科技接受模式為調節。未出版
碩士論文,國立台北大學,台北縣。二、英文部分 Aaker, D. A. (1996). Measuring brand equity across products and markets. California
Management Review, 38(3), 102-120. Aaker, D.A. (1991). Managing Brand Equity: Capitalizing on the Value of a Brand Name. New York: The
Free Press. Bagozzi, R. P., & Burnkrant, R. E. (1979). Attitude organization and attitude-behavior relationship. Journal of Personality and Social
Psychology, 37(1), 913-929. Baird, I. S., & Thomas, H. (1985). Toward a Contingency Model of Strategic Risk Taking. Academy of Management
Review, 10(2), 230-243. Baron, R. M., & Kenny, D. A. (1986). The moderator-mediator vari-able distinction in social psychological research:
conceptual, stra-tegic, and statistical considerations. Journal of Personality and Social Psychology, 51(6), 1173-1182. Bartlett, M. S. (1951). The
goodness of fit of a single hypothetical discriminant function in the case of several groups. Annuals of Eugenics, 16, 199-214. Bauer, R. A. (1960).
Consumer behavior as risk taking. In R. S. Han-cock (Ed.), Dynamic Marketing for a Changing World (pp.389-398), Chicago, IL: American
Marketing Association, Beatty, S. E., & Smith, S. M. (1987), External Search Effort: An Inves-tigation Across Several Product Categories, Journal of
Consumer Research, 14(1), 83-95. Berry, L. L. (2000). Cultivating Service Brand Equity. Journal of the Academy of Marketing Science, 28(1),
128-137. Biswas, A. (1992). The Moderating Role of Brand Familiarity in Ref-erence Price Perception. Journal of Business Research, 25, 251-262.
Brucks, Merrie. (1985). The Effects of Product Class Knowledge on Information Search Behavior. Journal of Consumer Research, 12(1), 1-16.
Chen, R., & He, F. (2003). Examination of brand knowledge, per-ceived risk and consumers' intention to adopt an online retailer. Total Quality
Management & Business Excellence, 14 (6), 677-693. Coulter, R. A., Price, L. L., Feick, L., & Micu, C. (2005). The evolu-tion of consumer
knowledge and sources of information: Hun-gary in transition. Journal of the Academy of Marketing Science, 33(4), 604-619. Cox, D. F. (1967).
Risk Handing in Consumer Behavior—An Inten-sive Study of Two Cases. In D. F. Cox (Ed.), Risk Taking and In-formation Handing in
Consumer Behavior (pp. 34-81). Boston: Harvard University Press. Cunningham, S. M. (1967). The major dimension of perceived risk. In D. F.
Cox(Ed.), Risk Taking and Information Handing in Con-sumer Behavior (pp.82-108). Boston, MA: Harvard University Press. Dodds, B. W.,
Monroe, K. B., & Grewal, D. (1991). Effect of price, brands and store information on buyers 'product evaluation. Journal of Marketing Research,
28(3), 307-319. Dowling, G. R., & Staelin, R. (1994). A Model of Perceived Risk and Intended Risk-handling Activity. Journal of Consumer
Research, 21, 119-133. Engel, J. F., Blackwell, R. D., & Miniard, P. W. (1993). Consumer Behavior, (7th ed.). Chicago: Dryden Press. Engel, J. F.,
Kollat, D. T., & Blackwell, R. D. (1973). Consumer be-havior (3th ed.). New York: Holt, Rinehart and Winston Com-pany. Fishbein, M., &
Ajzen, I. (1975). Belief, Attitude, Intention, and Be-havior: An Introduction to Theory and Research. Reading, MA:Aaddison-Wesley,. Hair J. F.,
Anderson R. E., Tatham R. L., & Black W. C. (1998). Multivariate data analysis (5th ed.). London: Prentice-Hall. Heskett, J. L., Jones, T. O.,
Loveman, G. W., Sasser, W. E., & Schle-singer, L. A. (1994). Putting the service-profit chain to work. Harvard Business Review, 72(2), 164-172.
Holden, S. J. S (1993). Understanding brand awareness: Let me give you a cue! Advances in Consumer Research, 20(1), 383-388. Hoyer, W. D., &
Brown, S. P. (1990). Effects of brand awareness on choice for a common, repeat-purchase product. Journal of Con-sumer Research, 17(2), 141-148.
Jacoby, J., & Kaplan, L. B. (1972). The Components of Perceived Risk, In M. Venkatesan (Ed), Proceedings, 3rd Annual Confer-ence, Chicago:
Association for Consumer Research, pp.382-393. Jacoby, J., Olsen, J. C., & Haddock, R. A. (1971). Price, brand name and product composition
characteristics as determinations of perceived quality. Journal of Applied Psychology, 55(6), 570-579. Kaiser, H. F. (1974). Little Jiffy, Mark IV.
Educational and Psycho-logical Measurement, 34, 111-117. Kamins, M. A., & Marks, L. J. (1991). The Perception of Kosher as a Third Party
Certification Claim in Advertising for Familiar & unfamiliar Brands, Journal of Academy of Marketing Science, 19(3), 177-185. Keller, K. L. (1993).
Conceptualizing, measuring and managing cus-tomer-based brand equity. Journal of Marketing, 57(1), 1-22. Kotabe, M., & Helsen, K. (1998).
Global marketing management. Chichester: Wiley. Kotler, P. (1991). Marketing Management: Analysis, Planning, Im-plementation and Control
(7th ed.). New Jersey: Prentice-Hall. Laurent, G., Kapferer, J. N., & Roussel, F. (1995). The underlying structure of brand awareness scrores.
Marketing Science, 14(3), 170-179. Lichtenstein, S., & Fischhoff, B. (1977). Do those who know more also know more about how much they know?
Organizational Behavior and Human Performance, 20(2), 159-183. Macdonald, E. K., & Sharp, B. M. (2000). Brand Awareness Effects on
Consumer Decision Making for a Common, Repeat Purchase Product: A Replication. Journal of Business Research, 48, 5-15. Malhotra N. K.
(1993). Marketing Research: An Applied Orientation. New Jersey: Englewood Cliffs. Meyers-Levy, J., & Maheswaran, D. (1991). Exploring
Differences in Males ' and Females ' Processing Strategy. Journal of Consumer Research, 18, 63-70. Mitchell, V. W., & Boustani, P. (1994). A
Preliminary Investigation into Pre and Post Purchase Risk Perception and Reduction. Eu-ropean Journal of Marketing, 28(1), 56-71. Mitchell, V.W.,
& Greatorex, M. (1993). Risk Perception and Reduc-tion in the Purchase of Consumer Services. The Service Indus-tries Journal, 13(4), 179-200.
Mitra, K., Reiss, M. C., & Capella, L. M.(1999). An examination of perceived risk, information search and behavioral intentions in search,
experience and credence services. Journal of Service Marketing, 13(3), 208-228. Monroe, K. B. (1990). Pricing: Making Profitable Decisions (2nd
ed.), New York:McGraw-Hill. Morwitz, V.G., & Schmittlein, D. (1992). Using segmentation to im-prove sales forecasts based on purchase intent:
Which intenders actually buy? Journal of Marketing Research, 29(4), 391-405. Murray, K. B., & Schlacter, J. L. (1990). The impact of services
versus goods on consumers 'assessment of perceived risk and variability. Journal of the Academy of Marketing Scien, 18(1), 51-65. Nunnally, J. C.
(1978). Psychometric theory. New York: McGraw- Hill. Park, C. W., Jaworiski, B. J., & MacInnis, D. J. (1986), Strategic Brand Concept-Image
```

Management. Journal of Marketing, 50(4), 135-145. Park, C.W., & Lessig V. P. (1981). Familiarity and Its Impact on Con-sumer Decision Biases and Heuristics. Journal of Consumer Re-search, 8, 223-230. Perry, M., & Hamm, B. C. (1969). Canonical analysis of relations between socioeconomic risk and personal influence in purchase decisions. Journal of Marketing Research, 6, 351-354. Pohlmann, J. T. (2004). Use and Interpretation of Factor Analysis in The Journal of Educational Research: 1992-2002. The Journal of Educational Research, 98(1), 14-22. Rao, A. R., & Monroe, K. B. (1988). The moderating effect of prior knowledge on cue utilization in product evaluations. Journal of Consumer Research, 15(2), 253-264. Richardson, S. R., Dick, A. S., & Jain, A. K. (1994). Extrinsic and in-trinsic cue effects on perceptions of store brand quality. Journal of Marketing, 58, 28-36. Roselius, T. (1971). Consumer rankings of risk reduction methods. Journal of Marketing, 35(1), 56-62. Rossiter, J. R., & Percy, L. (1987). Advertising and Promotion Man-agement. Singapore: McGraw-Hill. Rudell, F. (1979). Consumer Food Selection and Nutrition Informa-tion. New York: Prageger. Schiffman, L. G., & Kanuk, L. L. (2000). Consumer behavior, 7th ed. New York: Prentice Hall. Sharp, B. (1995). Brand equity and market-based assets of profes-sional service firms. Journal of Professional Services Marketing, 13(1), 3-13. Shimp, T. A., & Bearden, W. O. (1982). Warrant and other extrinsic cue effects on consumer risk perceptions. Journal of Consumer Research, 9(1), 38-46. Silverman, S. N., Sprott, D. E., & Pascal, V. J. (1999). Relating con-sumer-based sources of brand equity to market outcomes. Ad-vances in Consumer Research, 26(1), 352-358. Simon, M. F. (1970). Influence of brand names on attitudes. Journal of Advertising Research, 10(3), 28-30. Sirohi, N., McLaughlin, E. W., & Wittink, D. R. (1998). A model of consumer perceptions and store loyalty intentions for a super-market retailer. Journal of Retailing, 74(2), 223-245. Spears, N., & Singh, S. N. (2004). Measuring attitude toward the brand and purchase intentions. Journal of Current Issues and Research in Advertising, 26(2), 53-66. Stokes, R. C. (1985). The Effect of Price, Package Design and Brand Familiarity on Perceived Quality. In J. Jacoby, & J. Olson (Eds.), Perceived Quality (pp. 233-246). Lexington, MA: Lexington Press. Stone, R. N., & Gronhaug, Kjell. (1993). Perceived Risk: Futher Con-siderations for the Marketing Discipline. European Journal of Marketing, 27, 39-50. Strahilevitz, M., & Myers, J. G. (1998). Donations to charity as pur-chase incentives: How well they work may depend on what you are trying to sell. Journal of Consumer Research, 24(4), 434-446. Taylor, J. W. (1974). The Role of Risk in Consumer Behavior. Jour-nal of Marketing, 38, 54-60. Woodside, A. G. (1968). Group Influence and Consumer Risk Taking: An Experimental Study. Unpublished doctoral dissertation, Uni-versity of Pennsylvania State University. Zeithaml, V. A. (1988). Consumer perceptions of price, quality, and value: a means-end model and synthesis of evidence. Journal of Marketing, 52(3), 2-22.