INTENTION TO PURCHASE HALAL PRODUCTS AMONG CONSUMERS

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INTENTION TO PURCHASE HALAL PRODUCTS AMONG CONSUMERS

By

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ABSTRACT

Demand for halal products had increased tremendously due to expansion of the Muslim population worldwide. This study intends to investigate factors such as attitude, subjective norms and perceived behavioral control that influence the intention to purchase halal products among consumer in Malaysia. Factors that lead to buying decision among consumer must be understood carefully in order to boost the growth of halal industry. Based on the multiple linear regression analysis, the perceived behavior control is significantly influenced the intention to purchase halal products while attitude and subjective norms are not significantly influenced the intention to purchase. The finding indicates that an individual are able to control their perception and the intention to purchase halal products. Therefore, marketers, retailers, and manufacturers have to build an effective strategy to satisfy this value among potential consumers in Malaysia.

Keywords: Halal Products, Attitude, Subjective Norms, Perceived Behavioral Control, Intention to Purchase, Theory of Planned Behavior

ABSTRAK

Permintaan untuk produk halal telah meningkat dengan ketara disebabkan oleh pengembangan penduduk Islam di seluruh dunia. Kajian ini berhasrat untuk menyiasat faktor-faktor seperti sikap, norma subjektif dan kawalan terhadap kelakuan dilihat yang mempengaruhi niat untuk membeli produk-produk halal di kalangan pengguna di Malaysia. Faktor-faktor yang membawa kepada keputusan membeli di kalangan pengguna mesti difahami dengan teliti dalam usaha untuk meningkatkan pertumbuhan industri halal. Berdasarkan analisis regresi linear berbilang, kawalan tingkah laku dilihat memberi pengaruh yang signifikan terhadap niat untuk membeli produk-produk halal manakala sikap dan norma-norma subjektif dilihat tidak memberi pengaruh yang signifikan terhadap niat untuk membeli produk halal. Dapatan menunjukkan bahawa seorang individu yang boleh mengawal persepsi dan niat mereka untuk membeli produk-produk halal. Oleh itu, pemasar, peruncit dan pengeluar perlu membina strategi yang berkesan untuk memenuhi nilai ini di kalangan pengguna-pengguna yang berpotensi di Malaysia.

Kata kunci: Produk Halal, Sikap, Norma Subjektif, Kawalan Terhadap Kelakuan, Gelagat Pembelian Pengguna, Teori Kelakuan Terancang (Theory of Planned Behavior)

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CHAPTER ONE

INTRODUCTION

1.0 Chapter Introduction

This chapter discusses the background, problem statement, research objectives and research questions, significance and organization of the study.

1.1 Background of study

Alam and Sayuti (2011) mentioned that one of the fastest growing religion is Islam especially in birth and adoption. The total number of Muslims worldwide in 2014 was 2.08 billion and the rate of growth is increasing at 1.84% compared to the number of Muslim worldwide in 2013 (World Muslim Population, 2014). In Malaysia, the Muslim population is estimated at 60.4%. In addition, Shafie and Othman (2006) stated that the population of Muslims in Malaysia will increase to 30% in the year 2025.

Due to the extreme rise in Muslim population, the Halal industry is becoming very significant in the global market. Pew Forum (2011) described that the Halal trade foods globally is at the range of USD 800 billion to 1.2 trillion. This is because Halal foods are also being demanded by non-Muslims who are looking for food with additional value added features such as being wholesome, safe, hygienic, and contamination-free principles (Halal Development Corporation, 2011).

The intention to purchase among consumers can be explained through Theory of Planned Behavior (TPB) that has been extensively used by other researcher such

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References

- Ahmad, N. A., Abaidah, T.N., & Abu Yahya, M. H. (2013). A study on halal food awareness among Muslim customers in Klang Valley. 4th International Conference on Business and Economic Research, Bandung, Indonesia, paper, 1073-1087.
- Ahmed, A. (2008). Marketing of halal meat in the United Kingdom: supermarkets versus local shops. *British Food Journal*, 655-670.
- Ajzen, I. (1987). Attitude, traits, and actions: Dispositional prediction of behavior in personality and social psychology. *Advances in Experimental and Social Psychology*, 20, 1-63.
- Ajzen, I. (1988). Attitude, personality, and behavior. Open University Press, Milton Keynes. Buckingham.
- Ajzen, I. (1991). Theory of planned behavior. *Organization Behavior and Human Decision Process*, 50, 179-211.
- Ajzen, I., & Fishbein, M. (1980). Understanding attitudes and predicting social behavior. *Prentice-Hall, Eaglewood Cliffs, NJ*. Retrieved on September 9, 2014 from http://www.people,umass.edu
- Alam, S. S., & Sayuti, N. M. (2011). Applying the theory of planned behavior in halal food purchasing. *International Journal of Commerce and Management*, 21 (1), 8-20.
- Al-Nahdi, M. T. S. M., Ismail, I., Haron, H., & Islam, M. A. (2009). Intention to patronage halal restaurants among Malaysian Muslims An Issue of Halal Perception. *Paper presented at the Global Business Summit Conference*.

- Al-Qaradawi (2002). A comparative study of Zakah, regulations and philosophy in the light of Qur'an &Sunnah (Volume 1), translated, Monzer Kahf, Scientific Publishing Centre King Abdulaziz University Jeddah, Kingdom of Saudi Arabia, page xxxix.
- Anssi, T., & Sanna, S. (2005). Subjective norms, attitudes and intentions of Finnish consumers in buying organic food. *British Food Journal*, 107(11),808-22.
- Armitage, C. J., & Conner, M. (2001). Efficacy of theory of planned behavior: a meta-analysis review. *British Journal of Social Psychology*, 40,471-99.
- Bartlett, M. S. (1954). A note on the multiplying factors for various chi square approximations. *Journal of the Royal Statistical Society*, 16 (Series B), 296-298.
- Bonne, K., & Verbeke, W. (2008). Muslim consumer trust in halal meat status and control in Belgium. *Meat science*, 79(1), 113-23.
- Bonne, K., Vermeir, I., Bergeaud-Blackler, F., & Verbeke, W. (2007). Determinants of halal meat consumption in France. *British Food Journal*, 100(5), 367-386
- Bosnjak, M., Obermeier, D., & Tuten, T. L. (2006). Predicting and explaining the propensity to bid in online-auctions: A comparison of two action-theoretical models. *Journal of Consumer Behavior*, *5*, 102-116.
- Buttle, F., & Bok, B. (1996). Hotel marketing strategy and the theory of reasoned action. *International Journal of Contemporary Hospitality Management*, 8(3), 5-31.
- Catell, R. B. (1966). The scree test for number of factors. *Multivariate Behavioral Research*, 1, 245-276.

- Cavana, R., Delahaye, B., & Sekaran, U. (2001). Applied business research: qualitative and quantitative methods, (3rd ed.) *John Wiley & Sons Australia*, *Ltd.* Chang, M.K. (1998). Predicting unethical behavior: a comparison of the theory of reasoned action and the theory of planned behavior. *Journal of Business Ethics*, 17(16), 1825-33.
- Chang, C. C., Lin, C. Y., Chen, Y. C., & Chin, Y. C. (2009). Predicting information seeking intention in academic digital libraries. *The Electronic Library*, 27(3),448-460.
- Chauvel, D., & Despres, C. (2002). Knowledge management- What is it? A thematic analysis of the thinking in knowledge management Inc. Despres and D Chauvel (Eds). *Knowledge horizons: the present and the promise of knowledge management. Baton: Butterworth-Heinemann.*
- Chen, M. (2007). Consumer attitudes and purchase intentions in relation to organic foods in Taiwan: Moderating effect of food-related personality traits. *Food Ouality and Preference*, 18 (7), 1008-21.
- Chung, J. E., Stoel, L., Xu, Y., & Ren, J. (2012). Predicting Chinese consumers' purchase intentions for imported soy-based dietary supplements. *British Food Journal*, 114(1), 143-16.
- Conner, M., & Sparks, P. (1996). The theory of planned behaviour and health behaviours in Conner, M. and Norman, P. (Eds). *Predicting Health Behaviour. Open University Press, Buckingham*, 121-62.
- Coakes, S. J., & Steed, L. (2007). SPSS version 14.0 for Windows: Analysis without anguish. Melbourne: Wiley.
- Cook, A. J., Fairwheather, J., & Campbell, H. (2000). New Zealand farmer and grower intentions to use genetic engineering technology and organic methods.

- Research Report No. 243, Agribusiness and Economics Research Unit Lincoln University, Cantebury.
- Delener, N. (1994). Religious contrast in consumer decision behavior patterns: their dimensions and marketing implication. *European Journal of Marketing*, 28 (5), 36-53.
- Department of Statistics Malaysia (2014). Retrieved on December 3, 2014 from http://www/statistics.gov.my/
- Dewan Ekonomi (2011). Meningkatkan Daya saing industry halal. Retrieved on December 20, 2014 from http://dwnekonomi.dbp.my/wordpress/?p=363
- Eagly, A. H., & Chaiken, S. (1993). The psychology of attitudes. *Fort Worth, TX: Harcourt.*
- Festinger, L. (1954). A theory of social comparison processes. *Human Relations*, 7, 117-140.
- George, J. F. (2002). Influences on the intent to make internet purchase. *Internet Research: Electronic Networking Applications and Policy*, 12(2), 165-80.
- George, J. F. (2004). The theory of planned behavior and internet purchasing. *Internet Research*, 14 (3), 298-212.
- Gopi, M., & Ramayah, T. (2007). Applicability of theory of planned behavior in predicting intention to trade online. *International Journal of Emerging Markets*, 2 (4), 348-360.
- Halal Development Corporation (2011). The global halal market: the opportunities and challenges. Kuala Lumpur.
- Halal Development Corporation Vibe (2008). 2008 Reflections and Looking Forward to The Future. Kuala Lumpur. Retrieved on October 15, 2014 from

- Han, H., & Kim, Y. (2010). An investigation of green hotel customers' decision formation: developing an extended model of the theory of planned behavior. *International Journal of Hospitality Management*, 29(4), 659-668.
- Han, S., Gu, X., Mao, L., Ge, J., Wang, G., & Ma, Y. (2010). Neural substrates of self-referential processing in Chinese Buddhists. Social Cognitive and Affective Neuroscience, 5, 332–339.
- Hansen, T., Jensen, J. M., & Solgaard, H. S. (2004). Predicting online grocery buying intention: a comparison of the theory of reasoned action and the theory of planned behavior. *International Journal of Information Management*.
- Hair, J., Money, A., Page, M., & Samouel, P. (2007). *Research Method for Business*. England: John Wliey and Sons.
- Hayes, B. E. (1998). Measuring Customer Satisfaction: Survey Design, Use, and Statistical Analysis Methods, 2nd Edition, ASQ Quality Press, Milwaukee, Wisconsin.
- Hanzaee, K. H., & Ramezani, M. R. (2011). Intention to halal products in the world markets. *Interdisciplinary Journal of Research in Business*, 1(5), 1-7.
- Honkanen, P., Olsen, S. O., & Verplanken, B. (2005). Intention to consume seafood-the importance of habit. *Appetite*, 45, 161-8.
- Hornby, C., & Yucel, S. (2009). Halal food going mainstream in Europe: nestle.

 Reuters, Retrieved on September 15, 2014 from http://reuters.com/article/2009/11/17/idINIndia-44025720091117
- Iakovleva, T., Kolvereid, L., & Stephan, U. (2011). Entrepreneurial intentions in developing and developed countries. *Education + Training*, *53*(5),353-370.

- JAKIM (2014). *Halal Definition*. Retrieved on December 2, 2014 from http://www.halal.gov.my/v4/index.php/en/garis-panduan/takrifan-halal
- Jarvenpaa, S. L., & Todd, P. A. (1997). Consumer reactions to electronic shopping on the world wide web. *International Journal of Electronic Commerce*, 1 (2),59-88.
- Joey, F. G. (2002). Influence on the intent to make internet purchase. *Internet Research*, 12(2), 165-80.
- Joey, F. G. (2004). The theory of planned behavior and internet purchasing. *Internet Research*, *14*(3),198-212.
- Kaiser, H. (1970). A second generation Little Jiffy. *Psychometrika*, 35, 401-415.
- Kaiser, H. (1974). An index of factorial simplicity. Psychometrika, 39, 31-36.
- Kang, H., Hahn, M. Fortin, D., Hyun, Y. J., & Eom, Y. (2006). Effects of perceived behavioral control on the consumer usage intention of e-coupons. *Psychology and Marketing*, 23 (10), 841-64.
- Karijin, B., Iris, V., Florence, B. B., & Wim, V. (2007). Determinants of halal meat consumption in France. *British Food Journal*, 109 (5), 367-86.
- Kim, H. Y., & Chung, J. E. (2011). Consumer purchase intention for organic personal care products. *Journal of con-sumer Marketing*, 28(1), 40-47.
- Krejcie, R. V., & Morgan, D. W. (1970). Determining sample size for research activities. *Educational and Psychological Measurement*.
- Lada, S., Tanakinjal, H., & Amin, H. (2009). Predicting intention to purchase halal products using theory of reasoned action. *International Journal of Islamic and Middle Eastern Finance and Management*, 2 (1), 66-76.
- Leo, T., & Lee, C. B. (2010). Explaining the intention to use technology among student teachers. *Campus-Wide Informa-tion Systems*, 27(2), 60-67.

- Liou, D., & Contento, I. R. (2001). Usefulness of psychosocial theory variables in explaining fat-related dietary behavior in Chinese Americans: Association with Degree of Acculturation. *J Nutr Educ.*, 33(6), 322–331.
- Maria, K. M., Anne, M., & Hustri, U. K. (2001). Attitude towards organic food among Swedish consumers. *British Food Journal*, 103 (23),209-26.
- Mathieson, K. (1991). Predicting user intentions: comparing the technology acceptance model with the theory of planned behavior. *Information Systems Research*, 2(3),173-91.
- Mian, N. R. (2010). Fundamentals of Halal foods and certification. Retrieved on December 10, 2014 from http://www.preparedfood.com/article/Feature_Article/BNP_GUID_9-5-2006_A_1000000000000000734431
- Mohamed Nasir, K., & Pereira, A. A. (2008). Defensive dining: notes on the public dining experiences in Singapore. *Contemporary Islam*, 2, 61-73.
- Mohamed Omar, K., Nik Mat, N. K., Ahmed Imhemed, G., & Ahamed Ali, F. M. (2012). The direct effects of halal product actual purchase antecendents among the international Muslim consumers. *American Journal of Economics*, 87-92.
- Mohammad Sadek (2006). Marketing niche for halal food supply: a framework for the establishment of an international halal food market. In Shaikh Mohd, S.M.S and Azrina, S. (Ed.). *Food and Technological Progress an Islamic Perspective*, 85-100.
- Mohani, A., Hashanah, I., Haslina, H., & Juliana, J. (2009). SMEs and halal certification. *China-USA Business Review*, 8,1-9.

- Mohd Yusoff, H. (2004). Halal certification scheme. *Standard and Quality News*, 11, 4-5.
- Mukhtar, A., Butt, M. M. (2012). Intention to choose halal products: the role of religiosity. *Journal of Islamic Marketing*, 3 (2),108-120.
- Nik Mat, N. K., & Sentosa, I. (2008). The integration of theory of planned behavior (TPB) and technology acceptance model in internet purchasing: a structural equation modeling (SEM) approach. *Proceedings of Applied International Business Conference*.
- Nunnally, J. O. (1978). Psychometric Theory. New York: McGraw-Hill.
- Nurul Huda, Nova Rini, & Purnama Putra (2012). The analysis of attitudes, subjective norms, and behavioral control on muzakki's intention to pay zakah. *International Journal of Business and Social Science*, 3(22).
- Othman, & Owen (2001). Adopting and measuring customer service quality (SQ) in islamic banks: a case study in Kuwait finance house. *International Journal of Islamic Financial Services*, 3(1).
- Page, C., & Luding, Y. (2003). Bank managers' direct marketing dilemmas customers' attitudes and purchase intention. *International Journal of Bank Marketing*, 21(3), 147-163.
- Pallant J. (2011). SPSS Survival Manual. Open University Press.
- Pavlou, P. A. (2002). What drives electronic commerce? A theory of planned behavior perspective. *Academy of Management Proceedings, Denver, CO*, 1-6.

- Pavlou, P. A., & Chai, L. (2002). What drives electronic commerce across cultures? A cross-cultural empirical investigation of the theory of planned behavior.

 **Journal of Electronic Commerce Research, 3(4), 240-253.
- Pew Forum (2011). The future of the global muslim population- projections for 2010-2030. Analysis. Retrieved on December 1, 2014 from http://www.pewforum.org/The-Future-of-the-Global-Muslim-Population.aspx
- Pointing, J., Teinaz, Y., & Shafi, S. (2008). Illegal labelling and sales of halal meat and food products. *The Journal of Criminal Law*, 72 (3),206-213.
- Ramayah, T., & Suki, M. N. (2006). Intention to use mobile PC among MBA students: implications for technology integration in the learning curriculum. *UNITAR E-Journal*, *I*(2), 1-10.
- Rezvani, S., Dehkordi, G., Rahman. M., Fouladivanda, F., Habibi, M., & Eghtebasi, S. (2012). A conceptual study on the country of origin effect on consumer purchase intention. *Asian Social Science*, 8 (12), 205-215.
- Salman, F., & Siddiqui, K. (2011). An exploratory study for measuring consumers awareness and perceptions towards halal food in Pakistan. *Interdisciplinary Journal of Contemporary Research in Business*, 3(2), 639-653.
- Samin, R., Goodarz, J. D., Muhammad, S. R., Firoozeh, F., Mahsa, H., & Sanza, E. (2012). A conceptual study on the country of origin effect on consumer purchase intention. *Asian Social Science*, 8 (12), 205-215.
- Sekaran, U. (2003). Research methods for business (4th ed.). *Hoboken, NJ: John Wiley & Son*.
- Shaari, J. A. N., & Ariffin, N. S. (2010). Dimension of halal purchase intention: a preliminary study. *International Review of Business Research Papers*, 6(4), 444-456.

- Shafie, S., & Othman, M. N. (2006). Halal certification: an international marketing issues and challenges. *Faculty Business and Accountancy*. Retrieved on September 29, 2014 from http://www.halalrc.org.
- Shahidan, S., & Md Nor Othman. (2006). Halal certification: an international marketing issues and challenges. Kuala Lumpur, 1-11.
- Shaikh Mohd, S. M. S. (2006). Aspects of food safety from the Islamic perspective. In Shaikh Mohd, S. M. S and Azrina, S. (Ed.). *Food and Technological Progress an Islamic Perspective. Kuala Lumpur: MPH*,143-157.
- Soesilowati, E. (2010). Business opportunities for *halal* products in the global market: muslim consumer behaviour and *halal* food consumption. *Journal of Indonesian Social Sciences and Humanities*, 3, 151-160.
- Sparks, P., Shepherd, R., & Frewer, L. J. (1995). Assessing and structuring attitudes towards the use of gene technology in food production: the role of ethical obligation. *Basic and Applied Social Psychology*, *16*(3),67-285.
- Sparks, P., & Shepherd, R. (1992). Self-identity and the theory of planned behavior: assessing the role of identification with green consumerism. *Social Psychology Quarterly*, 55 (4), 388-99.
- Suh, B., & Han, I. (2003). The impact of customer trust and perception of security control on the acceptance of electronic commerce. *International Journal of Electronic Commerce*, 7(3),135-61.
- Seyed Danesh, M. M., Chavosh, A., & Nahavandi, M. (2010). Comparative analysis of the Muslim's and non-Muslim's satisfaction with halal Products", *IEEE*.
- Tarkiainen, A., & Sundquist, S. (2005). Subjective norms, attitudes and intentions of Finish consumers in buying organic food. *British Food Journal*, 107 (11), 808-22.

- Taylor, S., & Todd, P. (1997). Understanding the determinants of consumer composting behavior. *Journal of Social Applied Psychology*, 27, 602-28.
- Teo, T., & Lee, C. B. (2010). Explaining the intention to use technology among student teachers: An application of the theory of planned behavior (TPB). *Campus-Wide Information Systems*, 27(2), 60-67.
- Verbeke, W., Vermeir, I., & Vackier, I. (2004). Impact of values, involvement and perceptions on consumer attitudes and intentions towards sustainable food consumption, in De Tavernier, J. and Aerts, S. (Eds). *Proceedings of the EURSAFE Science, Ethics and Society, Centre for Agricultural, Bio- and Environmental Ethics, Leuven*,81-5.
- Wan Hassan, W. M., & Hall, C. M. (2003). The demand for halal food among Muslim travelers in New Zealand. In C. M. Hall, L. Sharples, R. Mitchell, N. Macionis and B. Cambourne (Eds.). *Food Tourism Around the World: Development, management and markets*,81-101.
- World Muslim Population (2004). Muslim population in the world. Retrieved on 5

 October, 2014 from http://www.muslimpopulation.com/World/
- Yamane, Taro. (1967). Statistics: an introductory analysis, 2nd Edition, New York: Harper and Row.
- Yousef, D. K. (2010). Halal food numbers look tasty. Gulf News, September 8.