

Hakcipta © tesis ini adalah milik pengarang dan/atau pemilik hakcipta lain. Salinan boleh dimuat turun untuk kegunaan penyelidikan bukan komersil ataupun pembelajaran individu tanpa kebenaran terlebih dahulu ataupun caj. Tesis ini tidak boleh dihasilkan semula ataupun dipetik secara menyeluruh tanpa memperolehi kebenaran bertulis daripada pemilik hakcipta. Kandungannya tidak boleh diubah dalam format lain tanpa kebenaran rasmi pemilik hakcipta.



**FAKTOR-FAKTOR YANG MEMPENGARUHI SIKAP
PENGAMBILAN BUAH-BUAHAN DAN SAYUR-
SAYURAN DI KALANGAN PELAJAR UNIVERSITI
UTARA MALAYSIA (UUM), SINTOK.**



IJAZAH SARJANA SAINS (PENGURUSAN)

UNIVERSITI UTARA MALAYSIA

JUN 2016

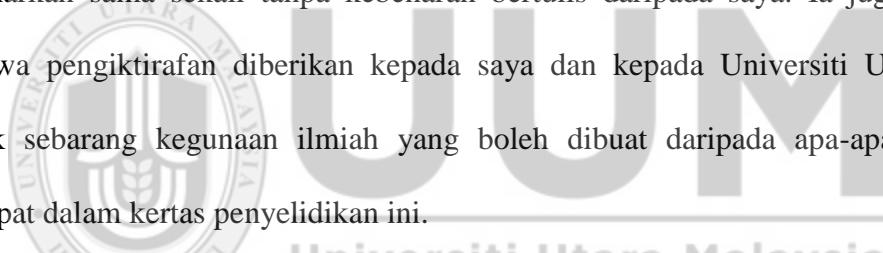
**FAKTOR-FAKTOR YANG MEMPENGARUHI SIKAP
PENGAMBILAN BUAH-BUAHAN DAN SAYUR-SAYURAN DI
KALANGAN PELAJAR UNIVERSITI UTARA MALAYSIA (UUM),
SINTOK.**



**Tesis ini Diserahkan kepada Dekan Pusat Pengajian Pengurusan
Perniagaan (SBM), Universiti Utara Malaysia, bagi Memenuhi
Sebahagian dari Syarat Keperluan Ijazah Sarjana Sains (Pengurusan)**

KEBENARAN MERUJUK

Dalam membentangkan kertas kajian ini sebagai memenuhi sebahagian daripada syarat pengijazahan Sarjana Sains (Pengurusan), saya bersetuju bahawa Perpustakaan Universiti Utara Malaysia menjadikan kertas kajian ini sebagai bahan rujukan. Saya juga bersetuju dan memberi kebenaran untuk membuat salinan kertas kajian ini, secara keseluruhan atau sebahagiannya, bagi tujuan akademik dengan mendapatkan kebenaran penyelia kertas kajian ini, atau, dalam ketiadaan beliau, oleh Dekan Pusat Pengajian Pengurusan Perniagaan. Difahamkan bahawa sebarang penyalinan atau penerbitan atau penggunaan kertas kajian ini atau sebahagian daripadanya untuk komersial tidak akan dibenarkan sama sekali tanpa kebenaran bertulis daripada saya. Ia juga difahamkan bahawa pengiktirafan diberikan kepada saya dan kepada Universiti Utara Malaysia untuk sebarang kegunaan ilmiah yang boleh dibuat daripada apa-apa bahan yang terdapat dalam kertas penyelidikan ini.



Universiti Utara Malaysia

Permintaan bagi kebenaran untuk menyalin atau menggunakan lain bahan dalam kertas disertasi/projek ini secara keseluruhan atau sebahagian hendaklah dialamatkan kepada:

Dekan Pusat Pengajian Pengurusan Perniagaan

Universiti Utara Malaysia

06010 UUM Sintok

Kedah Darul Aman.

ABSTRAK

Pelbagai kajian telah dijalankan melibatkan pengambilan buah-buahan dan sayur-sayuran serta faktor-faktor mempengaruhi pengambilan buah-buahan dan sayur-sayuran. Oleh itu, kajian ini adalah dilihat penting untuk menentukan faktor-faktor yang mempengaruhi sikap pengambilan buah-buahan dan sayur-sayuran dalam kalangan pelajar khususnya pelajar Universiti Utara Malaysia. Sebanyak 450 responden dipilih dikalangan pelajar UUM sendiri yang mempunyai pelbagai latar belakang. Data yang telah dikumpulkan di analisa menggunakan perisian SPSS versi 22.0 dengan memilih beberapa ujian yang sesuai dalam kajian ini iaitu normaliti, kebolehpercayaan, korelasi, dan regresi linear berganda. Hasil dapatan kajian menunjukkan bahawa 152 responden mengambil setiap seminggu buah-buahan dan sayur-sayuran. Manakala 92 responden pula mengambilnya 2 kali seminggu, 123 responden hanya mengambil sebulan sekali dan 14 responden tidak pernah mengambilnya. Selain itu juga, hasil dapatan kajian juga menunjukkan campuran pemasaran; produk, harga, promosi dan pengedaran mempunyai hubungan yang positif dan signifikan manakala pengetahuan pula mempunyai hubungan yang negatif dan tidak signifikan dengan sikap pengambilan buah-buahan dan sayur-sayuran di kalangan pelajar UUM.

Kata Kunci: Pengambilan buah-buahan dan sayur-sayuran, sikap, campuran pemasaran, pengetahuan



ABSTRACT

Various studies have been conducted involving the consumption of fruit and vegetables and the factors influencing the consumption of fruits and vegetables. Therefore, this study is seen as crucial to determine the factors that influence the consumption of fruits and vegetables among students, especially students of University Utara Malaysia. A total of 450 respondents were chosen among the UUM students themselves who have various backgrounds. Data collected were analysed using SPSS version 22.0 software by selecting the appropriate number of tests in this study which is normality, reliability, correlation and multiple linear regressions. Results showed that 152 respondents consume fruits and vegetables every week. While 92 respondents were taken 2 times a week, 123 respondents only take once a month and 14 respondents had never consume it. In addition, the findings also show that the marketing mix; product, price, place and promotion has a significant positive relationship and knowledge have a negative relationship and no significant with attitude in fruit and vegetables consumption among students of UUM.

Keywords: Fruit and vegetables consumptions, attitude, marketing mix, knowledge



PENGHARGAAN

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ
السَّلَامُ عَلَيْكُمْ وَرَحْمَةُ اللَّهِ وَبَرَكَاتُهُ

Pertama sekali, saya ingin memanjangkan kesyukuran yang tidak terhingga kepada Allah s.w.t kerana dengan izinNya saya dapat menyiapkan kertas kajian ini. Sepanjang perjalanan saya dalam menyiapkan kertas kajian ini, terdapat banyak pihak yang telah menghulurkan bantuan dan motivasi secara langsung atau tidak langsung demi mencapai matlamat saya. Sekalung penghargaan dan terima kasih yang tidak terhingga kepada penyelia, Dr Yaty Bt. Sulaiman kerana banyak memberi saya bimbingan ikhlas dan nasihat, sokongan moral, dan banyak membantu sepanjang proses menyiapkan kertas kajian ini dengan sempurna. Komen-komen beliau yang berharga, cadangan, sokongan akademik, idea-idea, dan nasihat beliau menjadi petunjuk penting bagi saya dalam menyiapkan kajian ini. Segunung penghargaan dan jutaan terima kasih yang tidak terhingga kepada kedua ibu bapa saya, iaitu En. Sehu Mohamad Bin. Mohamad Hassan dan Pn. Zarina Begum Bt. Naina Mohamad di atas segala sokongan, kata semangat, dan doa mereka yang menjadi kekuatan saya untuk menyiapkan kertas kajian ini. Tidak lupa juga ucapan terima kasih kepada adik beradik dan seluruh ahli keluarga yang turut memberikan sokongan. Saya juga ingin mengucapkan ribuan terima kasih kepada rakan-rakan yang banyak membantu dalam menyiapkan kajian ini juga kepada semua responden yang sudi menjawab soal selidik saya. Jasa kalian amat dihargai, hanya Allah s.w.t sahaja yang dapat membalaunya.

ISI KANDUNGAN

KEBENARAN MERUJUK.....	I
ABSTRAK.....	II
ABSTRACT.....	III
PENGHARGAAN.....	IV
ISI KANDUNGAN.....	V
SENARAI JADUAL.....	IX
SENARAI GAMBARAJAH.....	X

BAB SATU: PENGENALAN.....	1
1.1 PENDAHULUAN.....	1
1.2 LATAR BELAKANG KAJIAN.....	6
1.3 PENYATAAN MASALAH.....	10
1.4 OBJEKTIF KAJIAN.....	15
1.5 PERSOALAN KAJIAN.....	16
1.6 SKOP KAJIAN.....	16
1.7 KEPENTINGAN KAJIAN.....	17
1.8 BATASAN KAJIAN.....	18
1.9 PENGORGANISASIAN KAJIAN.....	19
BAB DUA: ULASAN KARYA.....	21
2.1 PENDAHULUAN.....	21
2.2 SIKAP PENGAMBILAN BUAH-BUAHAN DAN SAYUR-SAYURAN.....	22
2.2.1 DEFINISI.....	22

2.3 CAMPURAN PEMASARAN.....	28
2.3.1 PRODUK.....	30
2.3.1.1 PRODUK DENGAN SIKAP.....	32
2.3.2 HARGA.....	33
2.3.2.1 HARGA DENGAN SIKAP.....	35
2.3.3 PENGEDARAN.....	37
2.3.3.1 PENGEDARAN DENGAN SIKAP.....	39
2.3.4 PROMOSI.....	42
2.3.4.1 PROMOSI DENGAN SIKAP.....	44
2.4 PENGETAHUAN.....	47
2.4.1 PENGETAHUAN DENGAN SIKAP.....	49
2.5 KESIMPULAN.....	51
BAB TIGA: KAEDAH PENYELIDIKAN.....	53
3.1 PENDAHULUAN.....	53
3.2 KERANGKA KAJIAN.....	53
3.3 HIPOTESIS KAJIAN.....	54
3.4 REKA BENTUK KAJIAN.....	55
3.5 DEFINISI OPERASIONAL.....	56
3.6 POPULASI DAN SAIZ SAMPEL.....	60
3.7 PENGUMPULAN DATA.....	61
3.8 INSTRUMEN KAJIAN.....	61
3.9 KAJIAN RINTIS.....	69
3.10 KAEDAH ANALISIS DATA.....	70
3.10.1 KESAHAH KONSTRUK, UJIAN KEBOLEHPERCAYAAN DAN UJIAN NORMALITI.....	71

3.10.2 ANALISIS DESKRIPTIF.....	72
3.10.3 ANALISIS KORELASI.....	73
3.10.4 ANALISIS REGRESI LINEAR BERGANDA.....	73
3.11 KESIMPULAN.....	74
 BAB EMPAT: DAPATAN KAJIAN.....	75
4.1 PENDAHULUAN.....	75
4.2 GAMBARAN KESELURUHAN DATA YANG DIKUMPUL.....	75
4.3 DEMOGRAFI RESPONDEN.....	76
4.4 UJIAN NORMALITI.....	79
4.5 TAHAP PEMBOLEHUBAH BERSANDAR DAN TIDAK BERSANDAR (ANALISIS DESKRIPTIF).....	80
4.6 ANALISIS KEBOLEPERCAYAAN.....	82
4.7 ANALISIS KORELASI.....	83
4.8 ANALISIS REGRASI LINEAR BERGANDA.....	86
4.9 KESIMPULAN.....	89
 BAB LIMA: KESIMPULAN DAN CADANGAN.....	90
5.1 PENGENALAN.....	90
5.2 RINGKASAN KAJIAN.....	90
5.3 PERBINCANGAN KAJIAN.....	93
5.3.1 HUBUNGAN PRODUK DENGAN SIKAP PENGAMBILAN BUAH-BUAHAN DAN SAYUR-SAYURAN.....	93
5.3.2 HUBUNGAN HARGA DENGAN SIKAP PENGAMBILAN BUAH BUAHAN DAN SAYUR-SAYURAN.....	94
5.3.3 HUBUNGAN PENGEDARAN DENGAN SIKAP PENGAMBILAN BUAH BUAHAN DAN SAYUR-SAYURAN.....	95

5.3.4 HUBUNGAN PROMOSI DENGAN SIKAP PENGAMBILAN BUAH-BUAHAN DAN SAYUR-SAYURAN.....	96
5.3.5 HUBUNGAN PENGETAHUAN DENGAN SIKAP PENGAMBILAN BUAH DAN SAYUR DI KALANGAN PELAJAR UUM.....	97
5.4 IMPLIKASI KAJIAN.....	98
5.5 HALA TUJU KAJIAN AKAN DATANG/CADANGAN.....	99
5.6 KESIMPULAN.....	100
BIBLIOGRAFI.....	101
LAMPIRAN A.....	119
LAMPIRAN B.....	127
LAMPIRAN C.....	129



SENARAI JADUAL

	SENARAI JADUAL	MUKA SURAT
Jadual 1.1	Komoditi Pengambilan untuk Sayur-sayuran dan Buah-buahan Kilogram Per Tahun dari Tahun 2000-2014.	6
Jadual 1.2	Jadual Saranan Hidangan Makanan Yang Perlu Diambil Dalam Sehari	7
Jadual 3.1	Kesesuaian nilai pada pilihan jawapan dalam soal selidik	62
Jadual 3.2	Instrumen Kajian	62
Jadual 3.3	Skala soal selidik bahagian empat	68
Jadual 3.4	Kajian Rintis: Kebolehpercayaan Instrumen	70
Jadual 4.1	Analisis Frekuensi Jantina, Umur, Bangsa, Status Perkahwinan, Kekerapan Pengambilan Buah-Buahan dan Sayur-Sayuran	76
Jadual 4.2	Ujian Normaliti Bagi Setiap Faktor Sikap Pengambilan Buah-Buahan dan Sayur-Sayuran	79
Jadual 4.3	Intrepretasi Skor Min	81
Jadual 4.4	Min dan Sisihan Piawai Bagi Pembolehubah Tidak Bersandar dan Bersandar	81
Jadual 4.5	Keputusan Kebolehpercayaan (Cronbach Alpha) Untuk Setiap Pembolehubah	82
Jadual 4.6	Nilai Korelasi Pearson Bagi Pembolehubah Kajian	84
Jadual 4.7	Analisis Regresi Linear Berganda Untuk Pembolehubah	86
Jadual 4.8	Anova	87
Jadual 4.9	Pekali Koefisien	88

SENARAI GAMBAR RAJAH

	SENARAI RAJAH	MUKA SURAT
Rajah 1.1	Pencapaian dan Unjuran Pengeluaran Sayur-Sayuran Mengikut Jenis, 2000-2020 (Juta Tan Metrik)	4
Rajah 1.2	Pencapaian dan Unjuran Pengeluaran Buah-Buahan Mengikut Jenis, 2000-2020 (Juta Tan Metrik)	5
Rajah 1.3	Pengambilan buah-buahan dan sayur-sayuran penduduk Amerika, 2004-2014	8
Rajah 1.4	Pengambilan Buah-Buahan dan Sayur-Sayuran Penduduk Amerika Mengikut Umur dan Jantina, 2014	9
Rajah 2.1	Elemen Campuran Pemasaran	29
Rajah 2.2	Cara pengguna membeli-belah bahagian produk segar	46
Rajah 3.1	Kerangka Kajian	54

BAB SATU

PENGENALAN

1.1 Pendahuluan

Buah-buahan dan sayur-sayuran adalah penting untuk kesihatan seseorang manusia kerana ianya mengandungi nutrien yang mencukupi seperti vitamin, mineral, protein, fiber dan komponen pro-fungsi yang mana rendah lemak, sodium dan kalori berbanding makanan lain (Devine, Connors, Bisogni, dan Sobal, 1998).

Selain itu juga, buah-buahan dan sayur-sayuran adalah satu komponen penting dalam diet manusia yang sihat. Ia adalah sumber yang baik seperti vitamin dan mineral, protein sayuran, mikronutrien perlindungan dan serat pemakanan yang membantu untuk mengelakkan sembelit (Balasubramaniam, 2012). Kunci kepada pencegahan kesihatan dan penyakit yang baik adalah senaman dan tabiat pemakanan yang baik iaitu buah-buahan dan sayur-sayuran khususnya dikenali sebagai penting untuk kesihatan kerana ia adalah kalori rendah semulajadi dan menyediakan nutrien dan serat pemakanan (Steven Yen, Andrew, dan Rodolfo, 2011).

Menurut *Dietary Guidelines for Americans* (2010), dinasihatkan untuk mengisi separuh pinggan dengan buah-buahan, sayur-sayuran, kacang dan bijirin. Mengikut corak pemakanan yang sihat juga merangkumi prinsip-prinsip keselamatan makanan untuk mengelakkan penyakit yang dibawa oleh makanan. Di sesetengah negara, pengguna

The contents of
the thesis is for
internal user
only

BIBLIOGRAFI

- Abu Dardak, R., Zainol Abidin, A., & Ali, A. (2009). Consumers perceptions, consumption and preference on organic product: Malaysian perspective. *Economic and Technology Management*, 4, 95-107.
- Ahlstrom, D. C. (2009). *Social cognitive predictors of college students fruits and vegetables intake*. Unpublished Masters Dissertation, Utah State University, Logan.
- Ahmad, S., N. Bayaah, and N. Juhdi. 2010. Organic food: A study on demographic characteristics and factors influencing purchase intentions among consumers in Klang Valley, Malaysia. *International Journal of Business and Management*. 5(2), 105-118.
- Ajzen, I. and Fishbein, M. (1980), *Understanding Attitudes and Predicting Social Behavior*, Prentice-Hall, Englewood Cliffs, NJ.
- Ajzen, I. (1991). The theory of planned behavior. *Organizational Behavior and Human Decision Processes*, 50(2), 179-211.
- Anderson, W.P., L. Chatterjee and T. Lakshmanan, 2003. E commerce, Transportation and Economic Geography. *Growth and Change*, 34(4), 415-432.
- Andreas Totu, Mohd Yakin H. S. (2015). Faktor Penentu Sikap dan Kepercayaan Kanak Kanak di Sabah Mengenai makanan dan Pemakanan. *Global Journal of Business and Social Science Review*, 588-595.

Artika, I. B. (2015). Sikap Konsumen Terhadap Beberapa Atribut Pemasaran Dalam Berbelanja Pada Swalayan “Ruby Supermarket” Di Kota Mataram. *Fakultas Ekonomi Universiti Mahasaraswati Mataram*, 80-84.

Anggraini V. 2013. Analisis Tingkat Kepuasan dan Loyalitas Konsumen Gula Pasir Merek Gulaku di Kota Bandar lampung. Skripsi. Fakultas Pertanian Universitas Lampung. Bandar Lampung.

Atanasoiae, G. (2012). Price On The Organic Food Market. *Annals of the University of Petrosani, Economics*, 12(4), 5-16.

Azqueta, D. (2002). *Introduction to environmental economics*. Madrid, España: McGraw Hill.

Balachandran, B. V., & Gensch, H. D. (1974). Solving the “Marketing Mix” Problem using Geometric Programming. *Management Science* , 21(2), 160-171.

Balasubramanian, K. a. (2012). Study of Antioxidant and Anticancer Activity of Natural Sources. *Journal of Natural Productive Plant Resources*, 192-197.

Bandura, A. (1986). *Social foundations of thoughts and actions: A social cognitive theory*. Englewood Cliffs, NJ: Prentice-Hall.

Banwat, M.E, Lar, L.A., Daboer J., Audu, S. and Lassa S. (2012). Knowledge and Intake of Fruit and Vegetables Consumption among Adults in an Urban Community in North Central Nigeria. *The Nigerian Health Journal*, 12(1), 12-15.

- Beardworth, A., Brynan, A. leil, T., Goode, J., Haslam, C., & Haslam, E. (2002). Women, men and food: the significant of gender for nutritional attitudes and choices. *British Food Journal*, 104 (7), 470-91.
- Bhaskaran, S., & Hardley, F. (2002). Buyer beliefs, attitudes and behaviour: Foods with therapeutic claims. *Journal of Consumer Marketing*, 19(7), 591.
- Blitstein, J. L., Snider, J., & Evans, W. D. (2012). Perceptions of the food shopping environment are associated with greater consumption of fruits and vegetables. *Public Health Nutrition*, 21, 1-6.
- Borden, N. (1964). The Concept of Marketing Mix. *Journal of Advertising Research*, 2, 387-394.
- Bourke, L. (2010). Consumer Attitudes Towards and Usage of Fruit, Vegetables and Potatoes. *Bord Bia Irish Food Board*.
- Brunt, A. R., & Rhee, Y. S. (2008). Obesity and lifestyle in US college students related to living arrangements. *Appetite*, 51(3), 615-621.
- Brouwer, J. (July, 2014). *World Health Organization*. Retrieved 2nd November, 2015, from non communicable diseases:
www.who.int/topics/noncommunicable_diseases/en/.
- Brug J, Debie S, van Assema P & Weijts W (1995) Psychosocial determinants of fruit and vegetable consumption among adults: results of focus group interviews. *Food Quality and Preference* 6, 99–107.

Burger I (1997) Some aspects of food choice and availability today. *Nutrition and Health* 11, 233–238.

Casassus Jaime, Peng Liu and Ke Tang (2009), Commodity prices in the presence of intercommodity equilibrium relationships, Working paper, Comell University.

Castro, J. M. (2004). Genes, the environment and the control of food intake. *British Journal of Nutrition*, 92, 59-62.

Chan, W. (2016, May 16). *Utamakan Kesihatan*. Retrieved from Utusan Sarawak Online:

www.utusansarawakonline.com/opinion/258/UTAMAKAN-KESIHATAN/

Chinnici, G., D'Amico, M., & Pecorino, B. (2002). A multivariate statistical analysis on the consumers of organic products. *British Food Journal*, 187-199.

Cox, D. N., Anderson, A. S., Lean, M. E. J., & Mela, D. J. (1998). UK consumer attitudes, beliefs and barriers to increasing fruit and vegetable consumption. *Public Health Nutrition*, 1(1), 61-68.

Davies, A., Titterington, A., & Cochrane, C. (1995). Who buys organic food? A profile of the purchase of organic food in Northern Ireland. *British Food Journal*, 97(10), 17-23.

Devine, C.M., Connors, M., Bisogni, C.A. and Sobal J. 1998. Life-course influences on fruit and vegetable trajectiroes: qualitative analysis of food choices. *Journal of Nutrition and Education*, 30(6), 361-370.

Dibsdall, L., Lambert, N., Bobbin, R., & Frewer, L. (2002). Low-income consumers' attitudes and behaviour towards access, availability and motivation to eat fruit and vegetables. *Public Health Nutrition*, 6(2), 159–168.

Dietary Guidelines for Americans, 2010. Retrieved from:

<http://www.dietaryguidelines.gov>.

Dunne, P., Lusch, R., & Carver, J. (2010). *Retailing* (7th ed.). Cengage Learning.

Emanuela, A., McCullya, S., Gallaghera, K., & Updegraffa, J. (2012). Theory of Planned Behavior Explains Gender Difference in Fruit and Vegetable Consumption. *Appetite*, 59(3), 693–697.

Erskine, K. (2003). Predictors of Fruit and Vegetable Consumption: An Analysis of the Theory of Planned Behavior and Social Cognitive Theory.

Fauzi Bin Hussin, J. A. (2014). Kaedah Penyelidikan dan Analisis Data SPSS. In J. A. Fauzi Bin Hussin, *Kaedah Penyelidikan dan Analisis Data SPSS* (pp. 72-84). Malaysia Scholarly Publishing Council.

Frewer LJ, Howard C, Hedderley D & Shepherd R (1998) Methodological approaches assessing risk perceptions associated with food-related hazards. *Risk Analysis* 18, 95-102.

Glanz, K, & Hoelscher D. (2004). Increasing fruit and vegetable intake by changing environments, policy, and pricing: Restaurant-based research, strategies, and recommendation. *Preventive Medicine*, 39, 88–93.

Glanz, K., Rimer, B. K., & Lewis, F. M. (2002). *Health behavior and health education: Theory, research, and practice*. San Francisco: Wiley & Sons.

Griffith, R. a. (2008). Household willingness to pay for organic products. *The Institute for Fiscal Studies Department of Economic, USL. Cemmap Working paper CWP 18/08.*

Guillaumie L, Godin G, Vézina-Im LA. Psychosocial determinants of fruit and vegetable intake in adult population: a systematic review. *International Journal of Behavioral Nutrition and Physical Activity*. 2010; 7(1), 1–12.

Handfield, R. B., Melnyk, S. A., Calantone, R. J., & Curkovic, S. (2001). Integrating environmental concerns into the design process: The gap between theory and practice. *IEEE Transactions on Engineering Management*, 48(2), 189-209.

Harper, G.C., & Makatouni, A. (2002). Consumer perception of organic food productions and farm animal welfare. *British Food Journal*, 104, 287-299.

Hassan, S., & Mustapha, Y. (2010). Malaysian Consumer Knowledge And Preferred Information Sources In Selecting Functional Foods. *Malaysian Consumer Knowledge and*, 3, 20-39.

Henry, H., Reicks, M., Smith, C., Reimer, K., Atwell, J., & Thomas, R. (2003). Identification of factors affecting purchasing and preparation of fruit and vegetables by stage of change for low-income African American mothers using the think-aloud method. *Journal of the American Dietetic Association*, 103(12), 1643-1646.

Hansen, T. (2003). Intertype competition: Specialty food stores competing with supermarkets. *Journal of Retailing and Consumer Services*, 10(1), 35-49.
[http://dx.doi.org/10.1016/S0969-6989\(01\)00038-8](http://dx.doi.org/10.1016/S0969-6989(01)00038-8).

Hilliam, M. (1996). Functional foods: The Western consumer viewpoint. *Nutrition Reviews*, 54(11), S189.

Holt GC (1993) *Ecological Eating, Food Ideology and Food Choice*. PhD Thesis.
Bradford University.

Hutagalung, Raja Bongsu dan Novi Aisha. 2008. "Analisis Faktor-Faktor yang Mempengaruhi Perilaku Konsumen Terhadap Keputusan Menggunakan Dua Ponsel (GSM DAN CDMA) Pada Mahasiswa Departemen Manajemen Fakultas Ekonomi USU". *Jurnal Manajemen Bisnis*. 1(3), 97-102. September 2008.
Universitas Sumatera Utara. Sumatera Utara.

Hyson, Dianne A. *Fruits, Vegetables, and Health: A Scientific Overview*, 2011.
<http://www.macrobiotic.co.uk/diet.htm> accessed 19/03/2016.

Ibrahim, F. M. (2011): Fruity response efficacy and fruit consumption among a group of civil servants of Oyo State, Nigeria. *American Journal of Food and Nutrition*, 1(1), 44-48.

Jabir, A., Sanjeev, K., & Janakiraman, M. (2010). Buying behaviour of consumers for food products in an emerging economy. *British Food Journal*, 112(2), 109-124.

Justin, N. H., Spencer, M., Sam, B. H., & John, W. L. (2009). Global variability in fruit and vegetable consumption. *Am J Prev Med*, 36(5).

Kathleen, F. H., Connie, L. K., Leslie, A. M., & Frank, A. F. (2009). Fourth graders' reports of fruit and vegetable intake at school Lunch : does treatment assignment affect accuracy? *Journal of the American Dietetic Association*, 109, 36-44.

Kavaliauske, M., & Ubartaite, S. (2014). Ethical Behaviour: Factors Influencing Intention To Buy Organic Products In Lithuania. *Economics And Management*, 19 (1).

Keller, K. L. (1998). *Strategic Brand Management-Building, Measuring and Managing Brand Equity*. Englewood Cliffs: Prentice-Hall.

Kolodinsky J, Harvey-Berino JR, Berlin L, et al. (2007) Knowledge of current dietary guidelines and food choice by college students: better eaters have higher knowledge of dietary guidance. *JAMA* 107, 1409–1413.

Kontogeorgos, A. and Semos, A. (2008). Marketing aspects of quality assurance systems: The organic food sector case. *British Food Journal* 110(8), 829-839.

Kothe, E. J., Mullan, B. A., & Butow, P. (2012). Promoting fruit and vegetable consumption: Testing an intervention based on the theory of planned behaviour.

Kotler, P., Armstrong, G., Saunders, J., & Wong, V. (1999). *Priciples of Marketing* (Second European Edition ed.). Upper Sadle River: Prentice Hall Inc.

Kotler, P., Armstrong, G., Saunders, J., & Wong, V. (2002). *Priciples of Marketing* (3rd European ed.). London: Prentice-Hall.

Kotler, P., Armstrong, G., Wong, V., & Saunders, J. (2008). *Principles of Marketing*. London: Prentice Hall.

Krejcie, R. V, & Morgan, D. W. (1970). Determining sample size for research activities. *Educational And Psychological Measurement*, 30, 607–610.

Kumar, S. a. (2011). Analyzing the Factors Affecting Consumer Awareness on Organic Foods in India. *Centre Food and Agribusiness Management, Indian Institute of Management. Symposium ID:282*.

Laman Utama: Info Kesihatan: Portal Rasmi Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur dan Putrajaya. Retrieved April 29, 2016, from Portal Rasmi Jabatan Kesihatan Wilayah Persekutuan Kuala Lumpur dan Putrajaya.: <http://jknkl.moh.gov.my/info->.

Lucia A. Leone , Diane Beth , Scott B. Ickes , Kathleen MacGuire , Erica Nelson , Robert Andrew Smith , Deborah F. Tate & Alice S. Ammerman (2012) Attitudes Toward Fruit and Vegetable Consumption and Farmers' Market Usage Among Low-Income North Carolinians, *Journal of Hunger & Environmental Nutrition*, 7(1), 64-76.

Magnusson, M.K., Arvola, A., Koivisto Hursti, U.K., Aberg, L. & Sjoden, P.O. 2001. Attitudes towards organic foods among Swedish consumers. *British Food Journal*, 103(3).

Mansori, J. S. (May, 2012). Young Female Motivations for Purchase of. *International Journal of Contemporary Business Studies*, 3 (5).

Martinsons, M. G., So, S. K. K., Tin, C., & Wong, D. (1997). Hong Kong and China: Emerging markets for environmental products and technologies. *Long Range Planning*, 30(2), 277-290.

Marquitta C. Webb, C. L. (2013). An evaluation of fruit and vegetables consumption in selected primary school. *Department of Agricultural Economic and Extension The University of the West Indies - St. Augustine Trinidad and Tobago, West Indies*, 1-7.

Millock, K., Hansen, L.G., Wier, M. and Anderson, L.M. (2007). Willingness to pay for organic foods: A comparison between survey data and panel data from Denmark. CIRED, France.

Mintz, S. (1992). 'A taste of history'. The Higher, 8 May, p. 15-18.

Mohd Azlan Abdullah, N. A. (2011). Amalan Pemakanan dalam Kalangan Pelajar Universiti dan Implikasinya Terhadap Pembelajaran. *Jurnal Personalia Pelajar*, 59-68.

M. Harris, Susan (2007), "Does sustainability sell? Market responses to sustainability certification", *Management of Environmental Quality: An International Journal*, 18 (1), 50 – 60.

Mufri Wedanimbi Octaviani, Y. I. (2014). Pengaruh Bauran Pemasaran (Marketing Mix) Dan Perilaku KonsumenN. *Universitas Lampung,Jurusang Agribisnis, Fakultas Pertanian*, 133-142.

National Consumer Council (1998) *Farm Policies and Our Food: The Need for Change*. London: National Consumer Council.

Nezakati, H. A. (2011). Adopting Elements of Market Value Coverage in Adoption and Diffusion of Innovations-Fast Food Industries . *Australian Journal of Basic and Applied Sciences*. 5 (9), 1271-1276.

Neumark-Sztainer, D, Story, M, Resnick, M.D, and Blum, R.W, (2006). Correlates of Inadequate Fruit and Vegetable consumption among Adults. *Journal of Preventive Medicine*, 25 (5).

Nevin, S., & Suzan Seren, K. (2010). Evaluation of food purchasing behaviour of consumers from supermarkets.*British Food Journal*, 112(2), 140-150.

Nezakati, H. A. (2011). Adoption and Diffusion of Innovations in Fast Food Industries. . *Australian Journal of Basic and Applied Sciences*. 5(12), 833-839.

Nicolae, I., & Corina P. 2011. Consumer behavior on the fruits and vegetable market”, Annals of the University of Oradea: Economic Science, 1(2), 749–754,209-26.

Norimah, A. K., Safiah, M., Jamal, K., Haslinda, S., Zuhaida, H., Rohida, S., ... Azmi, M. Y. (2008). Food consumption patterns: Findings from the Malaysian adult nutrition survey (MANS). *Malaysian Journal of Nutrition*, 14(1), 25–39. Retrieved from <http://www.ncbi.nlm.nih.gov/pubmed/22691762>.

Norman, G.J., Carlson, J.A., Sallis, J.F., Wagner, N., Calfas, K.J., and Patrick, K. (2010). Reliability and validity of brief psychosocial measures related to

dietary behaviors. International Journal of Behavioral Nutrition and Physical Activity, 7 (56).

Nurul Izzah, A., Aminah, A., Md Pauzi, A., Lee, Y. H., Wan Rozita, W. M., & Siti Fatimah, D. (2012). Patterns of fruits and vegetables consumption among adults of different ethnics in Selangor, Malaysia. *International Food Research Journal*, 19(3) 1095 – 1107.

O'Dwyer, L. M., & Bernauer, J. A. (2014). *Quantitative research for the qualitative researcher*. Singapore: SAGE.

Official Portal Ministry of Health Malaysia. (2010). Retrieved from Official Portal Ministry of Health Malaysia:

<http://www.moh.gov.my/images/gallery/publications/md/ar/2010.pdf>.

Othman, K., Ab Karim, M., Karim, R., Adzham, N., Abdul Halim, N., & Osman, S. (2012). Factors Influencing Fruits And Vegetables Consumption Behaviour Among Adults In Malaysia. *Journal of Agribusiness Marketing*, 5, 29- 46.

Pajares. (2002). *Overview of social cognitive theory and of self-efficacy*. Retrieved from <http://www.emory.edu/EDUCATION/mfp/eff.html>.

Parmenter, K., & Wardle, J. (1999). Development of a general nutrition knowledge questionnaire for adults. *European Journal of Clinical Nutrition*, 53, 298-308.

Penerbitan: Portal Rasmi Kementerian Pertanian & Industri Asas Tani Malaysia. (2011, Disember 15). Retrieved January 28, 2015, from Portal Rasmi Kementerian Pertanian & Industri Asas Tani Malaysia:

<http://www.moa.gov.my/web/guest/dasar-agromakanan-negara-2011-2020-dan>

Perera, C. J. (2014). *Understanding fruit and vegetable consumption: A qualitative investigation in the Mitchells Plain sub-district of Cape Town. Thesis for the degree Master of Nutrition at the University of Stellenbosch.*

Peter, J. P., & Olson, J. C. (2008). *Consumer behavior & marketing strategy* (8th ed.). New York: McGraw-Hill Inc.

Perera, T., & T., Madhujith. (2012). The Pattern of Consumption of Fruits and Vegetables by Undergraduate Students: A Case Study. *Tropical Agricultural Research*, 23 (3), 261 – 271.

Portal Rasmi Kementerian Kesihatan Malaysia. (2013, August 1). Retrieved from Portal Rasmi Kementerian Kesihatan Malaysia:
<http://www.moh.gov.my/index.php/pages/view/849>.

Produce for Better Health Foundation. *State of the Plate, 2015 Study on America's Consumption of Fruit and Vegetables*, Produce for Better Health Foundation, 2015. Web. <<http://www.PBHFoundation.org>>.

Produce for Better Health Foundation, 2011. Retrieved from:
<http://www.pbhfoundation.org/>.

Prout, A. (1996), *Families, Cultural Bias and Health Promotion*, Health Education Authority, London.

Radman, M. (2005). Consumer consumption and perception of organic products in Crotia. *British Food Journal* 107(4), 263-273.

Rajagopal. (2005). Measuring Variability Factors in Consumer Value for Profit Optimization in a Firm A framework for Analysis. . *Journal of Economics and Management*, 1(1), 85-103.

Reicks, M., Smith, C., Henry, H., Reimer, K., Atwell, J., & Thomas, R. (2003). Use of the think aloud method to examine fruit and vegetable purchasing behaviors among low income African American women. *Journal of Nutrition Education and Behavior*, 35(3), 154-160.

Reynolds, K. D., Hinton, A. W., Shewchuk, R. M., & Hickey, C. A. (1999). Social cognitive model of fruit and vegetable consumption in elementary school children. *Journal of Nutrition Education*, 31, 23-30.

Rodriguez, E., Lacaze, V., & Lupin, B. (2007). Willingness to pay for organic food in Argentina: Evidence from a consumer survey. *International Marketing and International Trade of Quality food Products*.

Roitner-Schobesberger, B., Darnhofer, I., Somsook, S. and Vogl, C.R. (2007). Consumer perceptions of organic food in Bangkok, Thailand. *Food Policy* 33, 112-121.

Salehi, L., Eftekhar, H., Mohammad, K., Tavafian, S. S., Jazayery, A., & Montazeri, A. (2010). Consumption of fruit and vegetables among elderly people: a cross sectional study from Iran. *Nutrition Journal*.

Shara Noor W, H. I. (2013). Analisis Faktor-Faktor Yang Mempengaruhi Konsumen Dalam Pengambilan Keputusan Pembelian Sayuran Di Pasar Tradisional Di Kota Semarang. *Jurusan Manajemen Fakultas Ekonomi dan Bisnis Universitas Dian Nuswantoro*, 1-10.

Schiffman, L.G. and Kanuk, L.L. (1997), *Consumer Behavior*, 8th ed., Prentice Hall, Englewood Cliffs, NJ.

Section, R. a. (2012). Compendium of Surveys For Nutrition Education and Obesity Prevention. *The Network for a Healthy California: California Department of Public Health.*

Schroeder, C., Lisa, H. and Argelia, L. (2007). Fruit and Vegetable Consumption among College Students in Arkansas and Florida: Food Culture vs. Health Knowledge. International Food and Agribusiness Management Review, 10 (3).

Sekaran, U. (2004), Research Methods for Business: A Skill Building Approach, John and Wiley Inc., USA.

Sekaran, U., & Bougie, J.R. (2009). Research methods for business: A skill building approach. Chichester (etc.: John Wiley & Sons).

Sekaran, U., & Bougie, R. (2010). *Research methods for business a skill building approach* (15th ed.). United Kingdom: Wiley.

Source: Boundless. “Product, Placement, Promotion, and Price.” *Boundless Marketing*. Boundless, 21 Jul. 2015. Retrieved May 11. 2016 from:

[https://www.boundless.com/marketing/textbooks/boundless-marketing-textbook/introduction-to-marketing-1/introduction-to-marketing-18/product-placement-promotion-and-price-108-4454/.](https://www.boundless.com/marketing/textbooks/boundless-marketing-textbook/introduction-to-marketing-1/introduction-to-marketing-18/product-placement-promotion-and-price-108-4454/)

Statistisc Canada. (2014). Retrieved from Statistisc Canada:

<http://www.statcan.gc.ca/pub/82-625-x/2015001/article/14182-eng.htm>.

Stefanic, I., Stefanic, E. and Haas, R. (2001). What the consumer really wants: organic food market in Crotia. *Die Bodenkultur* 52(4), 323-328.

Steven T. Yen, A. K. (2011). Fruit and vegetable consumption in Malaysia: a count system approach. *Challenges for Agriculture, Food and Natural Resources*.

Steven T. Yen, Andrew K. G. Tan, and Mustapha I. Feisul. (2012). Consumption of Fruits and Vegetables in Malaysia: Profiling the Daily and Nondaily Consumers. *Asia-Pacific Journal of Public Health*.

Universiti Utara Malaysia

Steven, T. Y., Andrew, K. G. T., & Rodolfo, M. N. J. (2011). Determinants of fruit and vegetable consumption in Malaysia: An ordinal system approach. *The Australian Journal of Agricultural and Resource Economics*, 55, 239–256.

Story, M., Neumark-Sztainer, D., & French, S. (2002). Individual and environmental influences on adolescent eating behaviors. *Journal of the American Dietetic Association*, 102, S40–S51.

Tambrin, M. (2014). Hubungan Bauran Pemasaran dan Keputusan Pembelian Konsumen Tiket Bis Krimat Djati Melalui Agen Travel di Bangkalan. *Jurnal Studi Manajemen*, 26-34.

Tarkiainen, A. & Sundqvist, S. (2005). Subjective norms, attitudes and intentions of Finnish consumers in buying organic food, *British Food Journal*, 107 (11), 808-822.

The Ninh Nguyen, T. T. (2015). The Impact of Marketing Mix Elements on Food Buying Behavior: A. *International Journal of Business and Management*, 202-215.

The Soil Association (1999) *The Organic Food and Farming Report 1999*. Bristol: The Soil Association.

Tips Pemakanan Sihat Pada Musim Panas. (21 Mac, 2016). Retrieved 29 Mac, 2016, from Bumi Gembang: <http://www.bumigembang.com/tips-pemakanan-sihat-pada-musim-panas/>.

Tjiptono, Fandy. 2008. Strategi Pemasaran. Edisi III. Andi. Yogyakarta.
Tolusic, Z., Zmaic, K., & Deže, J. (2002). Marketing-Mix In The Function Of The Organic Food Of Eastern Croatia. *agroekonomiku*, 53 (7-8), 782-794.

Unusan, N. (2004). Fruit and vegetable Consumption among Turkish Students, Journal of Vitamin Nutrition. 74 (04). 341-348.

V. Aslihan & Nasir Fahri Karakaya (2014),"Consumer segments in organic foods market", *Journal of Consumer Marketing*, 31 (4), 263 – 277.

Verbeke, W. (2005). Consumer acceptance of functional foods: Socio-demographic, cognitive and attitudinal determinants. *Food Quality and Preference*, 16(1), 45-57.

Vermeir, Iris., & Verbeke, Wim. (2004). Sustainable Food Consumption: Exploring the Consumer Attitude-Behavior gap. working paper.

Vermeir, I., & Verbeke, W. (2006). Sustainable Food Consumption: Exploring The Consumer “Attitude – Behavioral Intention” GAP. *Journal of Agricultural and Environmental Ethics*, 19,169–194.

Vukasović, T. (2015). Attitudes towards organic fruits and vegetables. *Agricultural Economics Review*, 16(1).

Wansink, B. (2001). *When does nutritional knowledge relate to the acceptance of a functional food?* Retrieved from <http://www.consumerpsychology.com/insights/pdf/funcfoodsknow.pdf>.

Woldegebriel, M. (2011). Predictors Of Fruit And Vegetable Consumption Among Swedish Speaking Schoolchildren In The Capital Region Of Finland. *Faculty of Health Science:University of Eastern Finland*.

World Health Organization (WHO), 2003. World Health Report 2002: Reducing Risks, Promoting Healthy Life. World Health Organization, Geneva. Accessed December 12, 2015.

Worsley A (2002) Nutrition knowledge and food behaviour. *Asia Pac J Clin Nutr* 11, Suppl., S579–S585.

Zhen, J., & Mansori, S. (2012). Young Female Motivations for Purchase of Organic Food in Malaysia . *International Journal of Contemporary Business Studies*, 3(5).