

CURRICULUM VITAE

YAP BEE WAH (PROF. DR)
Center for Statistical and Decision Science Studies
Faculty of Computer & Mathematical Sciences
Universiti Teknologi MARA
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Research Interests

Data Mining, Multivariate Analysis, Statistical Modeling, Computational Statistics

Academic Qualifications

Ph.D. (Statistics), 2001, Universiti Malaya, Malaysia
MSc. (Statistics), 1993, University of California, Riverside, USA
B.Sc. (Hons) (Maths), 1985, Universiti Sains Malaysia, Malaysia

ACADEMIC APPOINTMENTS

- 2014 : Head of Advanced Analytics Engineering Centre
Faculty of Computer and Mathematical Sciences
Universiti Teknologi MARA
- 2014 : Professor of Statistical Data Mining
Centre of Statistical and Decision Science Studies
Faculty of Computer and Mathematical Sciences
Universiti Teknologi MARA
- 2002 : Associate Professor of Statistics, Department of Statistics, Faculty of
Information Technology and Quantitative Sciences, Universiti Teknologi MARA
- 1996 : Senior Lecturer, Department of Statistics, Faculty of Information Technology
and Quantitative Sciences, Universiti Teknologi MARA
- 1985 : Lecturer, Department of Statistics, Faculty of Information Technology and
Quantitative Sciences, Universiti Teknologi MARA

UNIVERSITY AWARDS

UiTM, Anugerah Penceramah Terbaik 2012
UiTM, Anugerah Perkhidmatan Cemerlang 2011
UiTM, Anugerah Perkhidmatan Cemerlang 2005
UiTM, Anugerah Perkhidmatan Cemerlang 2003
UiTM, Anugerah Perkhidmatan Cemerlang 2001

COMMITTEE

2014-2015 Conference Chair: *International Conference on Soft Computing in Data Science(SCDS2015)*, 2-3 September 2015, Pullman Hotel, Putrajaya, Malaysia

2014-2015 General Chair: *The Second International Conference on Statistics in Science, Business and Engineering(ICSSBE2015)*, 2-3 September 2015, Pullman Hotel, Putrajaya, Malaysia

2014-present Head of Advanced Analytics Engineering Centre (AAEC), FSKM

2015 Member of Board of Studies, Faculty of Economics and Administration, UM

2015 Member of Board of Studies, Faculty of Computing and Informatics, UMS

2013 Project Director, CoE(Centre of Excellence) FSKM Committee

2012-2013 Chairperson, Professional Training Unit, FSKM

2013 Head of RIG (Statistical Analysis and Modeling)

2013 Research Proposal Panel of Assessors, UiTM

2013 Postgraduate Colloquium Panel of Reviewers, SISKOM2013, FSKM

2012-2014 Member of Board of Studies, Faculty of Economics and Administration, UM

2010-2011 Head of 'Short Training Courses', FSKM

2003-2008 Coordinator, Master of Science (Quantitative Sciences), 2003-2008

2003-2007 Head of Consultancy Unit (ProTRAD), FTMSK, 2003-2007

2011 International Scholarship (MIS) panel, 2011

2011 ERGS (Research Proposal Evaluator), 2011

2012-present Master of Bio-Statistics Program Development Committee, 2012-present

2006-2007 Master of Quantitative Sciences Curriculum Review Committee, 2006-2007

2007 Syllabus Review Committee for Diploma in Statistics and B.Sc.(Hons) (Statistics), 2007

2004 PTK 2004 Assessor

2003 Faculty ISO Committee, 2003

2001 Head of Examination Committee, FTMSK

COMPETITION AWARDS

1. PAIB Articles of Merit Award (**SILVER**), Malaysian Institute of Accountants 2011 (Joint work with Assoc. Prof. Dr Ruhaya Atan and Pn Saunah Zainon)
2. UiTM Young DMiners Team won **First Prize** in SAS EON-BANK Group Knowledge Discovery Challenge 2010. (Cash prize, RM3000)
3. i-SCORI (An Integrated System of Charitable Organization Reporting Index): **Silver Award**, Invention, Innovation and Design (IID) Johor, 17-18 August 2011 (Joint work with Saunah Zainon, Ruhaya Atan, Raja Adzrin Raja Ahmad)

4. A System Dynamic Model for the Environmental Performance Index of Malaysia. **(Silver Award)**, Invention Innovation Design & Expo 2013 (IINDEX 2013):, DATC, UiTM Shah Alam, 15-17 March 2013
(Joint work with Margaret Chan Kit Yok, Annie Wong Muk Ngiik, Wong Mui Hung, Gluma Saban and Nicholas Amin)
5. i-LEARN STATS **(Silver Award)**, 3rd NATIONAL INVENTION, INNOVATION & DESIGN UiTM PERAK 2013(NiiD PERAK 2013). 11 HINGGA 12 DISEMBER 2013, DEWAN SERI ISKANDAR (DSI), UiTM (PERAK)
(Joint work with Nurul Syahida, Riaza Mohd Rias, Sanizah Ahmad, Nurul Hazra Abdul Salam)

MEMBERSHIPS

1. President of SPSS User Group Association (2012-2014), (Council member 2010-2011, Vice-President, 2007-2009)
2. Member of International Statistical Institute (2010-present)
3. Member of International Statistical Society in Business & Industry Member (2011-present)
4. Member of Malaysia Institute of Statistics (Council Member 2007-2008)
5. Associate Member of UiTM ARI (Accounting Research Institute) (2012-2013)
6. Member of IEEE and IEEE Computer Society (2013-present)
7. Member of International Input-Output Association (2013-present)
8. Secretary of SAS User Group Malaysia (2001-2004)

EDITORIAL BOARD

- 2013 : Program Committee (Reviewer) of *the First International Conference on Data Engineering*, Organized by Data Engineering Research Centre, Universiti Malaya
- 2013 : Guest Editor: *Journal of Emerging Technology in Web Intelligence* (Scopus Indexed Journal)
- 2012 - present : Editorial Board of "*International Journal of Bank Marketing*", (Scopus Indexed Journal)
- 2010 : Editor, *Proceedings of the Regional Conference on Statistical Sciences 2010*.
- 2008 - present : Editor of *Journal of Statistical Modeling and Analytics*, Malaysia Institute of Statistics e-journal
- 2001 - 2008 : Editor of "*Jurnal Teknologi Maklumat dan Sains Kuantitatif*", Faculty of Information Technology and Quantitative Sciences, UiTM.

TEACHING SUBJECTS (PAST)

Introduction to Statistics
 Business Mathematics
 Probability Theory
 Time Series
 Quantitative Business Analysis
 Statistical Theory and Inference
 Experimental Design
 Regression Analysis
 Multivariate Methods
 Research Application in Sports and Exercise (Master Program)

**TEACHING SUBJECTS
(PRESENT)**

Data Mining (Master Program)

Statistical Modeling (Master Program)

Fundamentals of Data Mining (Bachelor Program)

PUBLICATIONS (H-index 9, i10-indeks 9, Citations: 853)

Yap (Prof. Dr.) Bee Wah
Professor Statistics
data mining, statistical modeling, multivariate data analysis, statistical computing
Verified email at tmsk.uitm.edu.my
My profile is public

Title	Cited by	Year
Power comparisons of shapiro-wilk, kolmogorov-smirnov, lilliefors and anderson-darling tests NM Razali, YB Wah Journal of Statistical Modeling and Analytics 2 (1), 21-33	529	2011
Comparisons of various types of normality tests BW Yap, CH Sim Taylor & Francis	60	2011
Using data mining to improve assessment of credit worthiness via credit scoring models BW Yap, SH Ong, NHM Husain Expert Systems with Applications 38 (10), 13274-13283	53	2011
Satisfaction and trust on Customer Loyalty: A PLS Approach WNWS Bee Wah Yap, T. Ramayah Business Strategy Series 13 (4), 154-167	29	2012
Examining the effects of customer service management (CSM) on perceived business performance via structural equation modelling	16	2015

Citation indices	All	Since 2010
Citations	853	844
h-index	9	9
i10-index	9	8

Add co-authors

- Saunah Zainon, PhD + x
- Wan Fairus Wan Yaacob + x
- Hezlin Aryani Abd Rahman + x
- Khong Kok Wei + x
- Dr. Zeinab Jannoo + x
- T. Ramayah + x
- Nik Nairan Abdullah + x
- Dr. Yap May Lin + x
- Mid Yusoff Musa + x

1. Zeinab Jannoo, **Bee Wah Yap**, Kamarul Imran Musa, Mohamad Alias Lazim & Mohamed Azmi Hassali. (2015). An audit of diabetes-dependent quality of life in patients with type 2 diabetes mellitus, *Quality of Life Research*, 24,2297-2302. Springer (ISI Indexed)
2. Redhwan A.A., Waqar, A., Bee Wah Yap, Bobryshe, Y.V, Osman, M.T. (2015). Attitudes Towards Colorectal Cancer(CRC) and CRC Screening among Elderly Malay patients, *Asian Pacific Journal of Cancer Prevention*,16, 467-674.
3. Nor Azrina Mohd Yusof, Lai Ming Ling, **Yap Bee Wah** (2014). Tax non-compliance among SMCs in Malaysia: tax audit evidence. *Journal of Applied Accounting Research*, Vol. 15, No.2, 215-234. (Scopus Indexed)
4. Zeinab Jannoo, **Yap Bee Wah**, Halilah Haron (2014). Evaluation of Job Stress Survey and Its Factor Structure, *Quality and Quantity Journal*, 1-16. (Springer).
5. Jannoo, Z; **Yap, B. W**; Auchoybur, N; Lazim, MA. (2014). The effect of Nonnormality on CB-SEM and PLS-SEM path estimates, *WASET, International Journal of Mathematical, Computational Science and Engineering*, 8(2), 29-35.(ISI indexed).
6. Simon Fong, Robert P Biuk-Aghai, Yain-whar Si, **Bee Wah Yap** (2014). A Lightweight Data Preprocessing Strategy with Fast Contradiction Analysis for Incremental Classifier Learning, *Mathematical Problems in Engineering*, 1-11 (Scopus Indexed)
7. Nurul Husna Jamian, **Yap Bee Wah**, Nor Aina Emran (2014). Medical Scoring for Breast Cancer Recurrence, *SAS Global Forum*, Paper 1739.
8. Simon Fong, Robert P. Biuk-Aghai, Yain-whar Si, and **Bee Wah Yap**. (2014). Lightweight Data Preprocessing Strategy with Fast Contradiction Analysis for Incremental Classifier Learning. *Mathematical Problems in Engineering*, 1-11. (Scopus indexed) IF=1.082
9. Saunah Zainon, Syahrul Ahmar Ahmad, Ruhaya Atan, **Yap Bee Wah**, Zarina Abu Bakar, Siti Rahayu Sarman. (2014). Legitimacy and Sustainability of Social Enterprise: Governance and Accountability, *Procedia-Social and Behavioral Sciences*, Vol 145, 152-157. (Scopus indexed)
10. Saunah Zainon, Ruhaya Atan and Yap Bee Wah (2014). An empirical study on the determinants of information disclosure of Malaysian non-profit organizations, *Asian Review of Accounting*,22(1), 35-55

11. Saunah Zainon, Ruhaya Atan, **Yap Bee Wah**, Raja Adzrin Raja Ahmad, Ahmad Marzuki Amiruddin Othman, Nurulzulaiha Sau'dah@Suhadak (2014). An Integrated Ritual Effectiveness Accountability Reporting System (*i-REARs*) for Non-Profit Organizations, *International Business Research*; Vol. 7, No. 5; 156-165. ISSN 1913-9004 E-ISSN 1913-9012. (Scopus Indexed)
12. Ming Ling Lai, Zalilawati Yaacob, Normah Omar, Norashikin Abdul Aziz, and **Bee Wah Yap** (2013). Examining Corporate Tax Evaders: Evidence from Finalized Audit Cases, *International Journal of Social, Management, Economics and Business Engineering* Vol:7 No:6, 615-619. (Scopus Indexed)
13. Simon Fong and **Yap Bee Wah**. (May, 2013). A Prediction Model for Forecasting the Trend of Macau Property Price Movements and Understanding the Influential Factors. *Journal of Emerging Technologies in Web Intelligence*, 5 (2), 122-131.(Scopus Indexed)
14. Saunah, Z., Ruhaya, A., and **Yap, B.W.** (2014). An empirical study on the determinants of non-profit organizations' information disclosure, *Asian Review of Accounting*, Scopus Indexed, ERA indexed ISSN 1321-7348; 1758-8863.
15. Ruhaya, A., Saunah, Z., and **Yap, B. W.** (January, 2013). Empirical evidence of governance and disclosure in charity organizations. *Journal of Basic and Applied Scientific Research*, 3(1), 533 - 542. **Thomson Reuters ISI. ISSN 2090-4304 (Print) ISSN 2090-424X (Online)**
16. Margaret Chan Kit Yok, **Yap Bee Wah**, Ting Siew King, Wong Mui Hung and Elly Lawai. (2012). A System Dynamic Model for the Environmental Performance Index of Malaysia. *Advanced Materials Research*, 518-523, 1062-1071. (Scopus indexed,H 10)
17. Ruhaya, A, Saunah, Z., R. A. and **Yap Bee Wah**. (2013). Empirical Evidence of Governance and Disclosure in Charity Organizations, *Journal of Basic and Applied Scientific Research*, 3(1), 533-542. (Scopus Indexed: ISSN 2090-5304)
18. Saunah, Z., Ruhaya, A., Raja Adzrin R. A. and **Yap Bee Wah**. (2012). Associations between organizational specific-attributes and the extent of disclosure in charity annual returns. *International Journal of Mathematical Models and Methods In Applied Sciences*, 6(3), 482-489. (Scopus Indexed: ISSN 1998-0140)
19. Saunah, Z., Ruhaya, A., and **Yap Bee Wah**. (2012). Applying Stakeholder Approach in Developing Charity Disclosure Index, *Archives Des Sciences Journal*, 65(5), 204-229.(Thomson Reuters, ISI 2010, **Impact Factor 0.474**. ISSN 1661-464x)
20. Saunah, Z., Ruhaya, A., and **Yap, Bee Wah**. (April, 2012). Bridging the expectation gap of the institutional donors and charity management: Preliminary insights evidence. *Journal of Accounting, Business & Management*, 19(1), 69-89. **ISSN 0216-423X**.
21. Yap Bee Wah, Ong Seng Huat, & Nor Huselina Mohamed Husain. (2011). Using Data Mining to Improve Assessment of Credit Worthiness via Credit Scoring Models, *Expert Systems with Applications*, 38,13274-13283. (ISI-indexed, Impact Factor 1.929).
22. **Yap Bee Wah** & Sim Chiaw Hock. (2011). Comparisons of Various Type of Normality Tests. *Journal of Statistical Computation and Simulation*,81(12), 2141-2155 (ISI-indexed, **Impact Factor 0.573**)
23. Siti Noor Hayati Mohamed Zawawi, Kamil Muhd. Idris, Rashidah Abdul Rahman & **Yap Bee Wah**. (2011). Antecedents of Non-Normal Financial Reporting, *International Journal of Business and Social Science, The Special Issue on Contemporary Issues in Business and Economics*, 170-178. (Index Copernicus International), ISSN 2219-1933.
24. **Yap Bee Wah**, Ramayah .T & Wan Nushazelin Wan Shahidan. (2012). Satisfaction, Trust and Customer Loyalty: A PLS Approach, *Business Strategy Series, Vol 13, No,4, 154-167*. (Scopus Indexed).

25. Nornadiyah Mohd Razali & **Yap Bee Wah**. (2011). Power Comparisons of Shapiro-Wilk, Kolmogorov-Smirnov Lilliefors and Anderson-Darling Tests. *Journal of Statistical Modeling and Analytics*, Vol. 2, No. 1, 21-33.(ISSN 2180-3102)
26. Wan Fairos Wan Yaacob, Mohamad Alias Lazim & **Yap Bee Wah**. (2011). Applying Fixed Effects Panel Count Model to Examine Road Accident Occurrence, *Journal of Applied Sciences*, 11(7), 1185-1191. (Scopus Indexed)
27. **Yap Bee Wah** & Khong Kok Wei. (2006). Examining the effect of customer service management (CSM) on perceived business performance via structural equation modeling. *Appl. Stochastic Models Bus.Ind.*,22:587-605. Science Citation Index Expanded™, SCOPUS(Elsevier)
28. Wan Fairos Wan Yaacob, Wan Azaki Wan Hasan, Mohamad Alias Lazim & **Yap Bee Wah**. (2010). Modelling Dengue Fever (DF) and Dengue Haemorrhagic Fever (DHF) Outbreak Using Poisson and Negative Binomial Model, *Proceedings of World Academy Of Science, Technology & Engineering*, Vol. 62,527-532.(Scopus Indexed)
29. Yap May Lin, Noor Habibah Arshad, Halilah Haron, **Yap Bee Wah**, Muhammad Yusoff, & Azlinah Mohamed. (2010). IT Governance Awareness and Practices: An Insight from Malaysian Senior Management Perspective. *Journal of Business Systems, Governance and Ethics*, Vol 5, No. 1, 43-57.
30. Norhayati Shuja', **Yap Bee Wah**, Mohd Alias Lazim & Nobuhiro Okamoto. (2008). Identifying Key Sectors of Malaysian Economy: A Comparison of Unweighted and Weighted Linkages Approaches.*Journal of Department of Statistics, Malaysia*, Volume 1, 35-40.(ISSN 1823-1667)
31. Norhayati Shuja', Mohd Alias Lazim & **Yap Bee Wah**. (2007). Moving Holiday Effects Adjustment for Malaysian Economic Time Series.*Journal of the Department of Statistics, Malaysia*, Volume 1, 35-50. (ISSN 1823-1667)
32. Wan Rozita, W.M., **Yap, B.W.**, Veronica, S., Muhammad, A.K., Lim, K.H. & Sumarni, M.G. (2006). Knowledge, Attitude and Practice (KAP) Survey on Dengue Fever in an Urban Malay Residential Area in Kuala Lumpur. *Malaysian Journal of Public Health Medicine*, Vol 6(2), 62-67.(ISSN 1675-0306)
33. **Yap Bee Wah**, Karuthan Chinna & Mohd Arif Ahmad. (2006). A Comparison of Multiple Regression, Logistic Regression and Discriminant Function in Classification of Observations.Brunei. *International Medical Journal* Vol 5, Issue 1, 54-62.
34. Yap May Lin, **Yap Bee Wah** & Jasber Kaur. (2006). Investigating the Extent of Information Technology Usage in Malaysian Batik Industry. *Jurnal Teknologi Maklumat dan Sains Kuantitatif*,Jilid 8, Bil 1, 21-33. (ISSN 1675-7009)
35. Ong, S.H., **Yap, B.W.**, Ng, K.H. & Bradley, D.A. (2005). Discriminant Analysis Involving Dependence and Censoring: Trace and minor elemental concentrations of normal and malignant breast tissues. *Journal of Science and Technology in the Tropics*, 1:87-91. (ISSN 0855-2215)
36. Khong Kok Wei & **Yap Bee Wah**. (2005). Confirmatory Factor Analysis: A Study on Banking Institutions in Malaysia. *Banker's Journal Malaysia*, 42-52.(ISSN 0128-9534)
37. Yap May Lin, **Yap Bee Wah** & Jasber Kaur. (2005). Community Net Portal Reference Model for the Malaysian Batik Industry.*Scientific Research Journal*, Vol 2 No. 1, 1-18. (ISSN 1675-7009)
38. **Yap Bee Wah** & Ong Seng Huat. (2002). The Effects of Nonnormality on the Performance of the Linear Discriminant function for two independent populations. *Jurnal Teknologi Maklumat & Sains Kuantitatif*, 1-9.

PROCEEDINGS

1. Hezlin Aryani Abd Rahman, **Yap Bee Wah**, Haibo He, Awang Bulgiba, (2015). Comparisons of ADABOOST. KNN, SVM and Logistic Regression in Classification of Imbalanced Data Set, Communications in Computer and Information Science, Vol. 545, 54-64.(Springer ISSN 1865-0929)
2. Alyasa Gan Abdullah and Yap Bee Wah (2015). Genetic Code for Sine, AIP Conf. Proc. 1643, 726-733; <http://dx.doi.org/10.1063/1.4907519>
3. Hamzah Abdul Hamid, Yap Bee Wah, Xian-Jin Xie and Hezlin Aryani Abd Rahman (2015), Assessing the effects of different types of covariates for binary logistic regression, *AIP Conf. Proc.* 1643, 425-430; <http://dx.doi.org/10.1063/1.4907476>
4. Bee Wah Yap, Zeinab Jannoo, Nornadiah Mohd Razali, Nor Azura Md. Ghani and Mohamad Alias Lazim (2015), Construct validation of SF-36 Malay version among type 2 diabetes mellitus patients, *AIP Conf. Proc.* 1643, 431-437; <http://dx.doi.org/10.1063/1.4907477>
5. **Yap Bee Wah**, Nurain Ibrahim, Hamzah Abdul Hamid, Shuzlina Abdul-Rahman, Simon Fong (2015). Feature Selection Methods:Case of Filter and Wrapper Approaches for Maximizing Classification Accuracy, *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
6. Hamzah Abdul Hamid, **Yap Bee Wah**, Xian-Jin Xie (2015). Effects of Different Type of Covariates and Sample Size on Parameter Estimation of Multinomial Logistic Regression Model, *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
7. Idari Ismail, **Yap Bee Wah**, Anis Siham Zainal Abidin (2015). Evaluation of Risk Factors for Prolonged Invasive Mechanical Ventilation in Pediatric Intensive Care Unit (PICU): *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
8. Ainur Amira Kamaruddin, **Yap Bee Wah**, Sayang Mohd Deni, Zeinab Jannoo (2015). Sample Size and Non-normality effects on Goodness-of-Fit Measures in Structural Equation Model, *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
9. Idari Ismail, **Yap Bee Wah** , Anis Siham Zainal Abidin (2015). Evaluation of Risk Factors for Prolonged Invasive Mechanical Ventilation in Pediatric Intensive Care Unit (PICU): *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
10. Nur Syaliza Hanim Che Yusof, **Yap Bee Wah**, Wan Nurul Izza Wan Husin, Hamdan Abdul Maad (2015). Relationship Between Emotional Intelligence and University Students' Attitude, *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering (ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)

11. Chan Yuen Fook, Gurnam Kaur Sidhu, Suthagar, Lee Lai Fong, **Yap Bee Wah** (2015). Modeling the Relationship of Inquiry-Based Learning on Active Learning in Higher Education, *Proceedings of the 2nd International Conference on Statistical Applications in Science, Business and Engineering(ICSSBE2015)*, 2-3 Sept 2015. Pullman Hotel, Kuala Lumpur. (IEEE ISBN978-1-47998292-9)
12. **Yap, Bee Wah**; Rani, Khatijahusna Abd; Rahman, Hezlin Aryani Abd; Fong, Simon; Khairudin, Zuraida; Abdullah, Nik Nairan, An Application of Oversampling, Undersampling, Bagging and Boosting in Handling Imbalanced Datasets, *Proceedings of the First International Conference on Advanced Data and Information Engineering (DaEng-2013)*, **13-22. Springer-Verlag**, ISBN 978-981-4585-18-7_2
13. Nurul Husna Jamian,**Yap Bee Wah**, Nor Aina Emran (2014), Medical Scoring for Breast Cancer Recurrence, *SAS Global Forum 2014 Proceedings, Paper 1739. Available at:*
<http://support.sas.com/resources/papers/proceedings14/1739-2014.pdf>
14. Zeinab Jannoo, **Yap, B.W.**, Auchoybur, N. and Mohamad Alias Lazim (2014). The Effect of nonnormality on CB-SEM and PLS-SEM path estimates, *International Journal of Mathematical, Computational Science and Engineering*, vol. 1, no. 2, pp. 29–35.
15. Zeinab J, **Yap, B.W.** and M.A.Lazim (2013), CB-SEM vs PLS-SEM: A Quick Review. *Proceedings of 'Kolokium Siswazah Sains Komputer dan Matematik Peringkat Kebangsaan 2013'*.(ISBN: 978-967-12088-0-9)
16. Lai, M. L., Zalilawati, Y., Normah, O., Norashikin, A. A., & **Yap, B. W.** (2013). *Examining corporate tax evaders: evidence from finalized audited cases*. Paper presented at the *International Conference on Accounting, Economics and Management*, World Academy of Science, Engineering and Technology, Scandic Front Hotel, Copenhagen, Denmark, 13-14 June 2013.
17. **Yap Bee Wah**, Norashikin Nasaruddin, Wong Shaw Voon and Mohamad Alias Lazim. (2012). Decision Tree Model for Count Data. *Proceedings of the World Congress on Engineering (WCE 2012)*. (pISSN 2078-0958, eISSN 2078-0966).
18. Saunah, Z., Ruhaya, A., **Yap, B.W.**, and Zarina, A. B. (2012). A comparative analysis of financial performance of funded and non-funded charity organizations. *World Academy of Science, Engineering and Technology (WASET)*, 68, 1202-1207. pISSN 2010-376X, eISSN 2010-3778.
19. Saunah, Z., Ruhaya, A., **Yap, B.W.**, and Raja Adzrin, R. A. (2012). Information Disclosure by Charity Organizations. *Recent Advances in Business Administration, World Scientific and Engineering Academy and Society (WSEAS)*, 39-44. ISSN 1792-7331. ISBN 978-1-61804-066-4.
20. Ruhaya, A., Saunah, Z., & **Yap, B.W.** (2012). Quality information by charity organizations and its relationship with donation. *Recent Advances in Business Administration, World Scientific and Engineering Academy and Society (WSEAS)*, 118-123. ISSN 1792-7331. ISBN 978-1-61804-066-4.
21. Sarah Yusoff and **Yap Bee Wah**. (2012). Comparison of Conventional Measures of Skewness and Kurtosis for Small Sample Size, *IEEE International Conference on Statistics in Science, Business and Engineering 2012 (ICSSBE'12) Proceedings*.(ISBN 978-1-4673-1581-4)

22. Hezlin Aryani Abd Rahman, **Yap Bee Wah**, Zuraida Khairudin & Nik Nairan Abdullah. (2012). Comparison of Predictive Models for Survival Prediction of Cardiac Surgery Patients, *IEEE International Conference on Statistics in Science, Business and Engineering 2012 (ICSSBE'12) Proceedings*.(ISBN 978-1-4673-1581-4).
23. Norashikin Nasaruddin, **Yap Bee Wah**, Wong Shaw Voon & Mohamad Alias Lazim. (2012). Fatality Prediction Model of Motorcycle Accidents in Malaysia, *IEEE International Conference on Statistics in Science, Business and Engineering 2012 (ICSSBE'12), Proceedings*. .(ISBN 978-1-4673-1581-4)
24. Norhayati Shuja, **Yap Bee Wah** & Mohamad Alias Lazim (2012). Identifying Industrial Clusters in Malaysia, *IEEE International Conference on Statistics in Science, Business and Engineering 2012 (ICSSBE'12), Proceedings*. .(ISBN 978-1-4673-1581-4)
25. Raja Sharina Raja Zezeman Shah, **Yap Bee Wah**, Abdul Halim Nawawi & Mohd Mahayaudin Mansor. (2012). Predicting Stock Performance using data mining approach, *Proceedings of The 14th Malaysian Finance Association Conference 2012*. (ISBN 978-967-394-093-6).
26. **Yap Bee Wah**, Nor Huwaina Ismail & Simon Fong. (2011). Predicting Car Purchase Intent Using Data Mining Approach, *IEEE Eighth International Conference on Fuzzy Systems and Knowledge Discovery (FSKD) Proceedings*, 2052-2057. (ISBN 978-1-61284-181-6)
27. Siti Noor Hayati Mohamed Zawawi, Rashidah Abdul Rahman, **Yap Bee Wah** & Kamil Muhd Idris. (2011). Do Elements of Fraud Influence Management and Employee's Intention to Report Fraudulent Financial Statements?, *IEEE International Conference on Economics Business and Marketing Management Proceedings*, 99-104. (Indexed by Thomson ISI and EiCompendex)
28. **Yap Bee Wah** & Irma Rohaiza Ibrahim. (2010). Using Data Mining Predictive Models to Classify Credit Card Applicants, *IEEE The IMS International Conference Proceedings*, 394-398. (ISBN 978-89-88678-31-2)
29. Hazman Shah Abdullah, Norizan Sharif & **Yap Bee Wah**. (2010). Citizenship Relationship Management: The Influence of Justice Perceptions and Service Recovery Satisfaction on Trust in Government: An Emprical Investigation of Malaysian Local Authorities, *IEEE SOLI (Service, Operations, Logistics& Informatics) Proceedings*, 99-104. (ISSN 978-1-4244-7117-1)
30. Wan Fairos Wan Yaacob, Wan Azaki Wan Hasan, Mohamad Alias Lazim, & **Yap Bee Wah**. (2010). Modelling Dengue Fever (DF) and Dengue Haemorrhagic Fever (DHF) Outbreak Using Poisson and Negative Binomial Model, *Proceedings of World Academy Of Science, Technology & Engineering*, 62,527-532. (ISSN 2070-3724) SCOPUS Indexed
31. Saunah Zainon, Ruhaya Atan, **Yap Bee Wah** & Roland Theng Nam. (2010). Financial Statement Analysis of Tax-Exempt Charitable Organizations in Malaysia, *Malaysia-Indonesia International Conference on Economics, Management and Accounting (MIICEMA 2010) Proceedings*, 176-194. (MIICEMA-ISBN 978-983-3198-55-9)

32. Saunah Zainon, Ruhaya Atan & **Yap Bee Wah**. (2010). Determining Institutional Donors' Expectations towards Charitable Organizations, *The 2010 International Conference on Governance and Accountability (ICGA) Proceedings*, 2387-2399. (ISSN 2087-2399)
33. Wan Fairos Wan Yaacob, Mohamad Alias Lazim & **Yap Bee Wah**. (2010). Applying Fixed-Effects Panel Count Model to Examine Road Accident Occurrence, *International Conference on Fundamental and Applied Science (icfas2010 Technical Programme and Abstracts*, ISBN 978-983-2271-01-7).
34. Wan Fairos Wan Yaacob, Mohamad Alias Lazim & **Yap Bee Wah**. (2010). Evaluating Spatial and Temporal Effects of Accidents Likelihood using Random Effects Panel count Model, *International Conference on Science and Social Research Proceedings (CSSR 2010)*, 972-976. IEEE, ISBN 978-1-4244-8985-5)
35. Wan Fairos Wan Yaacob, Mohamad Alias Lazim & **Yap Bee Wah**. (2010). A Practical Approach to Modeling Count Data, *Regional Conference of Statistical Science (RCSS) 2010 Proceedings*, 176-183. (ISBN 978-967-363-157-5)
36. Nornadiah Mohd Razali & **Yap Bee Wah**. (2010). Power Comparisons of Some Selected Normality Tests (2010). *Regional Conference of Statistical Science (RCSS) 2010 Proceedings* 126-138. (ISBN 978-967-363-157-5)
37. Saunah Zainon, Ruhaya Atan & **Yap Bee Wah**. (2010). Developing the Reporting Index for Charitable Organizations, *1st National Postgraduate Seminar (NAPAS) 2010*, 857-866. NAPAS ISBN: 976-963-48308-6-1
38. Zakaria, Norsaadah, Jamil Salleh, Mohd, Taib Nasir, Yong Yuan Tan & **Yap Bee Wah**. (2008). Using data mining technique to explore anthropometric data towards development of sizing system. *Information Technology 2008 ITSim 2008. (IEEE International Symposium on Information Technology (ISBN 987-1-4244-2328)*.
39. Norhayati Shuja', **Yap Bee Wah** & Mohd Alias Lazim. (2007). Identifying Key Sectors in Malaysian Economy: An Input-Output Approach. *Proceedings of the 9th Islamic Countries Conference on Statistical Sciences*, 1340-1354. (ISBN 978-983-4307-1-1)
40. **Yap Bee Wah**, Halilah Haron & Norshahida Shaadan. (2007). Determination of Sample Size for Survey Research. *Proceedings of the 9th Islamic Countries Conference on Statistical Sciences*, 1423-1436. (ISBN 978-983-4307-1-1)
41. Faridah Abdul Halim, **Yap Bee Wah** & Mohd Alias Lazim. (2005). A Study on Degree Students' Aspirations to Pursue a Masters Degree: Case Study: Faculty of Information Technology & Quantitative Sciences. *Conference on Scientific & Social Research (CSSR) 2005 Proceedings*, Vol 1, 2328-2341.
42. Mohd Hisham Ariffin, **Yap Bee Wah** & Azizan Abdul Aziz. (2006). Reasons, Barriers and Negotiators of Software Adoption by Malaysian Construction Companies, *IT Solutions for the Design & Management of Infrastructure Construction Projects*, 1-15 (ISBN 81 89809-01-6 (Vol-1)
43. **Yap Bee Wah** & Khong Kok Wei. (2005). Examining Business Process Reengineering in the Malaysian Banking Industry. *Conference on Scientific & Social Research (CSSR) 2005 Proceedings*, Vol 1, 2220-2235.

44. **Yap Bee Wah.** (2005). A Comparison of Logistic Regression and Discriminant Function in Classification of Observations. *Buletin Kuantitatif Institut Tadbiran Awam*, 16-23.
45. **Yap Bee Wah & Pooi Ah Hin.** (2003). Determination of the Detectable Maximum Difference Among Parameters in Hypothesis Testing. *Conference on Scientific & Social Research (CSSR) 2003 Proceedings*, Vol 1, 167-181. ((ISBN 983-41784-0-9)
46. **Yap Bee Wah & Ghazalee Ahmad.** (2003). Corporate Internet Use: A Case Study in the Klang Valley. *Conference on Scientific & Social Research (CSSR) 2003 Proceedings*, Vol 2, 111-129.(ISBN 983-41784-0-9)
47. Nalini Dharmarajan, Yap May Lin & **Yap Bee Wah.** (2003). Internet Booking in the Airline Industry. *Asian Pacific Seminar on E-Customer Relationship Management*, 1-11. (ISBN 983-41502-0-2)
48. **Bee Wah Yap,** Karuthan Chinna. Suresh Kumar & Mokhtar Abdullah. (2002). Measuring Process Capability Indices and Taguchi's Loss and Six-Sigma Quality: A Simulation Study. *Proceedings of the 7th International Conference on ISO 9000 and TQM*, 2002, 504-511.(Best Paper Award)
49. **Yap Bee Wah,** Karuthan, C., & Krishna, K. (2002). BootStrap Methods in Meta-Analysis. *Proceedings of the Sixth International Research Conference on Quality, Innovation and Knowledge*, 1279-1286.
50. **Yap Bee Wah,** Karuthan Chinna, Chee, S.S. & Rani, S. (2002). Factors Affecting Bone Density of Post-Menopausal women: A Case Study in Malaysia. *BioMed 2002 Conference Proceedings*, 214-216.
51. **Yap Bee Wah,** Karuthan Chinna & Krishnakumari Krishnan. (2002). Modeling Meta-Analysis Using Bootstrap Resampling Technique. *BioMed 2002 Conference Proceedings*, 248-250.
52. **Yap Bee Wah & Sim Chiaw Hock.** (2001). The Effects of Estimating the Control Limits for Synthetic Chart. *Proceedings of the International Conference and Workshop on Recent Developments in Statistics and Its Applications*, 237-243.
53. Ong, S.H., **Yap, B.W.,** Ng, K.H. & Bradley, D. (1998). Discriminant Analysis of Breast Tissue Elemental Concentration Data with Determination Limits. *Proceedings of the International Meeting on Frontiers of Physics*, 538-542.

BOOK PUBLICATIONS

1. *Soft Computing in Data Science*
Communications in Computer and Information Science
First International Conference, SCDS 2015.
Publisher: Springer
Michael W. Berry
Azlinah Hj Mohamed
Yap Bee Wah
2. *Pengenalan Teori Kebarangkalian*
(An Introduction to Probability Theory)
Yap Bee Wah & Nooreha Husain
Publisher: IBS Buku Sdn. Bhd.
ISBN: 967 950 150 7 (1998)
2. *Forestry and Economic Research Using SPSS*
Mohd Parid Mamat, Yap Bee Wah, Lim HinFui & Norini Haron
ISBN:978-967-5221-30-9 (2010)

RESEARCH GRANTS

- 1 **Co-Researcher**
Project Title: Social Enterprise : A Typology of Legitimacy
Project code: 600-RMI/ST/FRGS 5/3 (120/2013):
Amount: RM67000.00
Project Duration: 15 Nov 2013-14 Nov 2015
2. **Co-Researcher**
Project Title: Quality Service Performance Model in Records Center: A Case Study at Commercial Records Center in MALAYSIA.
Source: Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS).
Project code: 600-RMI/FRGS 5/3 (115/2015)
Amount: RM70200.00
Project Duration: 2 Nov 2015-1 Oct 2018
3. **Co-Researcher**
Project Title: Leveraging Formative Assessment and Transformative Learning in Higher Education
Source: Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS).
Project code: 600-RMI/FRGS 5/3 (139/2013)
Amount: RM58200.00
Project Duration: 15 Nov 2013-14 May 2016

4. **Principal Researcher**

Project Title: *A Fixed Effects Estimator in Panel Count Model.*
Source: *Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS)*
Project code: *600-RMI/ST/FRGS 5/3/Fst (209/2010):*
Amount: *RM45300.00*
Project Duration: *27 December 2010-31 July 2013*

5. **Co-Researcher**

Project Title: *Quality Service Performance Model in Records Center: A Case Study at Commercial Records Center in MALAYSIA.*
Source: *Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS).*
Project code: *600-RMI/FRGS 5/3 (115/2015)*
Amount: *RM70200.00*
Project Duration: *2 Nov 2015-1 Oct 2018*

6. **Co-Researcher**

Project Title: *A New Sampling Technique in Handling Imbalanced Datasets*
Source: *Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS).*
Project code: *600-RMI/ST/FRGS 5/3 (16/2012):*
Amount: *RM64000.00*
Project Duration: *15 April 2012-14 April 2014*

7. **Co-Researcher**

Project Title: *Ritual Effectiveness Framework for Non-Profit Organizations*
Source: *Malaysia Ministry of Higher Education, Exploratory Fundamental Research Grant Scheme (ERGS).*
Project code: *600-RMI/ST/ERGS 5/3 (39/2011):*
Amount: *RM50000.00*
Project Duration: *1 July 2011-30 June 2013*

8. **Co-Researcher**

Project Title: *Establishing a New Model for Clinical Pharmacy Education with a Novel Method*
Source: *Malaysia Ministry of Higher Education, Fundamental Research Grant Scheme (FRGS)*
600-RMI/SSP/FRGS 5/3/Fsp (41/2011)
Amount: *RM45000.00*
Project Duration: *1 July 2011-30 June 2013*

9. **Co-Researcher**

Project Title: An integrated Ritual Effectiveness Accountability Reporting System (i-REARS) of Non-Profit Organizations
Source: *Malaysia Ministry of Higher Education, Prototype Research Grant Scheme (PRGS)*
Project code: 600-RMI/SSP/PRGS 5/3/Fsp (41/2011)
Amount: RM45000.00
Project Duration: 1 July 2011-31 October 2013

10. **Co-Researcher**

Project Title: *Simulation Model of Environmental Sustainability in Malaysia using System Dynamics*
Source: *Malaysia Ministry of Science, Technology & Innovation.*
Project code: E_Science grant, Project No:06-01-SF0249n
Amount: RM96000.00
Project Duration: January 2008-June 2012

11. **Co-Researcher**

Project Title: *Investigating social cues in Animated Pedagogical Agents*
Source: *Malaysia Ministry of Higher Education, Prototype Research Acculturation Scheme (RAGS)*
Project code: 600-RMI/RAGS 5/3 (82/2012)
Amount: RM65000.00
Project Duration: 15 December 2012-14 December 2014

UNIVERSITY RESEARCH FUNDING

1. **Project Leader**

Project Title: *Big Data Analytics and Visualization Model for Intelligent Harnessing*
Source: *UiTM REI Grant*
Amount: RM32000.00
Project Duration: 1 October 2015- 30 September 2018

2. **Co-Researcher**

Project Title: *Validation of SF36 and PAID*
Source: *UiTM Academic Excellence Fund.*
Amount: RM32000.00
Project Duration: September 2012-August 2014

3. **Co-Researcher**

Project Title: *Modelling HRQoL of Malaysian Type 2 Diabetes Patients*
Source: *UiTM Academic Excellence Fund.*
Amount: RM32000.00
Project Duration: September 2012-August 2014

4. **Co-Researcher**
 Project Title: *Modelling Malaysian Road Accidents using Panel Data Approach*
 Source: *UiTM Academic Excellence Fund.*
 Amount: *RM12000.00*
 Project Duration: *January 2010-December 2011*
5. **Co-Researcher**
 Project Title: *Evaluating the Allocative Efficiency of Malaysian Banks*
 Amount: *RM10,000.00*
 Project duration: *1 year (2006)*
6. **Project Leader**
 Project Title: *Examining the Effects of Business Process Reengineering (BPR) in Malaysian Banking Institutions*
 Amount: *RM10,000.00*
 Project duration: *1 year (2004)*
7. **Co-Researcher**
 Project Title: *A Study on Degree Students' Aspirations to Pursue a Masters Degree*
 Amount: *RM10,000.00*
 Project duration: *1 year (2004)*
8. **Co-Researcher**
 Project Title: *Determining the Relevant Factors in Designing the Community Net Portal for the Malaysian Batik Craft Industry*
 Amount: *RM10,000.00*
 Project duration: *1 year (2004)*
9. **Project Leader**
 Project Title: *Determination of the Detectable Maximum Difference Among Parameters in Hypothesis Testing*
 Amount: *RM10,000.00*
 Project duration: *1 year (2004)*

PhD SUPERVISION

Main Supervisor

1. Nur Aifah Ibrahim (2014373571)
 "Derivation and Validation of MyRISK: Cardiovascular Risk Scoring for Malaysia"
 (2015-ongoing)
2. Ainur Amira Kamaruddin (2013305787)
 "Investigating the effects of nonnormality and item parceling on goodness of fit measures in Structural Equation Modeling", (2014-ongoing)
3. Zeinab Jannoo (2011235886) (International Student from Mauritius)
 "Modeling Health-Related Quality of Life of Diabetic Patients: A Case of Mauritius and Malaysia", (Passed Viva in 2015).
4. Hamzah Abd Hamid (2013641848),
 "A Simulation Study on Minimum Sample Size and Goodness-of-Fit Test for Polytomous and Ordinal Logistic Regression", (2013-ongoing)

5. *Hezlin Aryani Abdul Rahman (2013833008)*
"Resampling techniques in Handling Imbalanced Datasets (2013-Ongoing)
6. *Mohd Nasir Abdullah (2014222892)*
" Bridging the gap between Transcriptomics, Proteomics, and Metablomics in Identifying Differentially Regulated Genes in Alzheimer's Disease"

Co-Supervision

7. *Saiful Farik Mat Yatin Phd (Information Management)*
Document Imaging System: Factors Influencing Usage and Effectiveness in Malaysian Public Organizations"
(Graduated in 2010)
Co-Supervision with Dato' Prof. Dr.Hj. Raja Abdullah Bin Raja Yaacob (UiTM).
8. *Wan Fairos Wan Yaacob (2008252858)*
"Modeling and Forecasting Road Accidents in Malaysia: A Hybrid Panel Model"
(Graduated in 2015)
Co-Supervision with Prof. Dr.Mohd Alias Lazim (UiTM).
9. *Norhayati Shu'ja (2006138645)*
"Forecasting Malaysia Input-Output Tables" (Passed Viva in 2015)
Co-Supervision with Prof. Dr.Mohd Alias Lazim (UiTM).
10. *Saunah Zainon (2009894834)*
"Assessing Stakeholders Needs for Information from Charity Organisations"
(Graduated in 2014).
Co-Supervision with Assoc. Prof. Dr Ruhaya Atan, Faculty of Accountancy, UiTM.
11. *Nor Azrina Md Yusof@Ghani (2010458848)*
"Tax Non-Compliance: An Evidence Based Analysis", (Passed Viva in 2015),
Co-Supervision with Assoc. Prof. Dr. Lai Ming Ling, Faculty of Accountancy, UiTM.
12. *Sharifah Heryati (2014237976)*
"Credit Scoring for Personal Bankruptcy: An Examination of Measurement and Prediction"
Co-Supervision with Assoc. Prof. Rosalan Ali, Faculty of Business (UiTM)

MASTER BY RESEARCH SUPERVISION

1. *Norhayati Shuja' (MSc (Statistics), 2006), "Adjusting Malaysian Economic Time Series for Moving Holiday Effects", Co-Supervision with Assoc. Prof. Dr. Mohd Alias Lazim (UiTM).*
2. *Sabrina Tarmudi (MA (Hotel Mgmt), 2011), "Sponsorship Relationship: Satisfaction, Trust and Commitment Towards Intention to Renew in Tourism Event", Co-Supervision with Dr Nor'ain Othman, Faculty of Hotel Management and Tourism, UiTM.*

MASTER DISSERTATION SUPERVISION

1. Nazira Abdullah, "Analysis of Sentiments Towards Proton Perdana using Text Mining"
MSc (Applied Statistics), 2015.
2. Noor Nadia Mohd Nasir, "Investigating Stress, Self-Efficacy and Quality of Life of Mothers with Autistic Children: A Structural Equation Modeling (SEM) Approach",
MSc (Applied Statistics), 2014.
3. Nur Liyana Malizen, "Investigating the mediating effect of Job Satisfaction on the relationship between Job Motivation and Organizational Citizenship Behavior", MSc (Applied Statistics), 2014.
4. Nur Hidayah binti Mohd Razali "Improving Energy Efficiency Using Six-Sigma Methodology", MSc (Applied Statistics), 2014.
5. Nurhajira Binti Johari, "A Study on Financial Performance of Banks in Malaysia using Data Mining Approach" ,MSc (Quantitative Sciences),2014.
6. Mohd Shahrizal Safaruddin, Evaluating Reporting Query Response Performance to Optimise the Business Intelligence System at National Registration Department, Malaysia. MSc (Quantitative Sciences), 2013.
7. Norkhairunnisa Binti Mohamed Redzwan, "Investigating the Moderating Effect of Family-Owned Business on Long-Term IPO return. MSc (Quantitative Sciences), 2013.
8. Nurul Syahida Binti Abu Bakar, "An Empirical Study on the Effects of Animation Interactivity on Learning Statistics" , MSc (Applied Statistics), 2013.
9. Idari Binti Ismail, "Evaluation of Risk Factors for Prolonged Invasive Mechanical Ventilation in a Malaysian Pediatric Intensive Care Unit, MSc (Applied Statistics), 2013.
10. Nurul Husna Jamian, "*Developing a Medical Scorecard for Prediction of Breast Cancer Recurrence*", MSc (Applied Statistics), MSc (Applied Statistics), 2013.
11. Nur Syaliza Hanim CheYusof, "*The Effect of Psychological Well-Being and Emotional Intelligence on Students' Attitude and Academic Achievement*", (MSc (Applied Statistics), 2013.
12. Sarah Yusoff, "*A Comparison of Conventional and Robust Measures of Skewness and Kurtosis*", MSc (Applied Statistics), 2011.
13. Norashikin Nasaruddin, "*Modeling Motorcycle Accidents Occurrence*", MSc (Applied Statistics), 2011.
14. Raja Sharina Raja Zezeman Shah, "*Predicting Stock Performance Using Data Mining Approach*", MSc(Quantitative Sciences), 2011.
15. Fairoze Salwana Ruslan. "*Identification and Analysis of the Moderating Effect of Psychological Variables on Student Performance*, MSc (Applied Statistics), 2011.

16. Hezlin Aryani Abdul Rahman, "*Comparison of Models to Predict Survival of Cardiac Surgery Patients*", MSc (Applied Statistics), 2011.
17. Aini Suria Jalaluddin, "*Determining Contributing Factors of Survival for Kidney Dialysis Patients*", MSc (Quantitative Sciences), 2011.
18. Nor Huwaina Ismail, "*An Application of Predictive Modeling and Customer Segmentation on Car Purchase Behaviour*", MSc (Applied Statistics), 2010.
19. Norlaile Salleh Hudin, "*Identifying School Dropout Factors Using Data Mining Approach: A Case Study*", MSc (Quantitative Sciences), 2010.
20. Siti Hamizah Zainal Abidin, "*Determining Association Rules for Book Assortment Decision via Market-Basket Analysis*", MSc (Quantitative Sciences), 2010.
21. Rosnita Maodin, "*Using Process Capability Indices to Assess Performance in Glove Production*", MSc (Quantitative Sciences), 2010.
22. Nornadiah Mohd Razali, "*Test of Normality: A Power Comparison of Kolmogorov-Smirnov, Anderson-Darling, Shaipro-Wilk and Lilliefors Tests*", MSc (Applied Statistics), 2009.
23. Ahmad Shukri Abdullah, "*An Application of Customer Segmentation using Customer Value Measurement*", MSc (Quantitative Sciences), 2009.
24. Irma Rohaiza Ibrahim, "*Buidling a Predictive Model to Classify Credit Card Applicants*", MSc (Quantitative Sciences), 2009.
25. Rohana Mohamad, "*Identifying Determinants of Return to Work Status Following Employment Injury or Illness*", MSc (Quantitative Sciences), 2009.
26. Wan Nurshazelin Wan Shahidan, "*Investigating Customer Satisfaction and Loyalty: A Case Study at XYZ Bank*", MSc (Quantitative Sciences), 2008.
27. Nor Huselina Mohamed Husain, "*Building Credit Scoring Model for Prediction of Default in Club Monthly Subscription Peyment*", MSc (Quantitative Sciences), 2008.
28. Noryanti Nasir, "*Estimation of Accident Duration and Management of Emergency Response Vehicle (ERV): A Study for IT IS Malaysia*", MSc (Quantitative Sciences), 2008.
29. Razali Karim & Sa'diah Sahat, "*Implementation of Business Process Reengineering in Koperasi Pahang Berhad*", MSc (Quantitative Sciences) Group Project, 2005.
30. Fauziah Ahmad, "*ICT Literacy Measurement of UiTM Undergraduates*", MSc (Information Technology), 2004.

POST-GRADUATE THESIS CONSULTATION

1. Somasundram Munasamy, (Doctor of Engineering (Engineering Business Management, 2012), "*The Effect of Organizational Process Climate on Organizational Citizenship Behaviour of Employees of Software Development Organization through Organizational Commitment*", Razak School of Engineering, Universiti Teknologi Malaysia.
2. Norsaadah Zakaria (Ph.D, 2010), "*Modelling Standard Sizing System for Childrens' Wear*", Faculty of Applied Science, Universiti Teknologi MARA.
3. Ahmad Anuar Othman (PhD, 2006). "*Factors Affecting Project Delays in Public Sectors Civil Engineering Projects*", Faculty of Architecture, Planning and Surveying, UiTM.
4. Mohd Hisham Ariffin (PhD, 2005), "*Reasons for and Deterrents to the Participation of Malaysian Registered Quantity Surveyors in Continuing Professional Development Activities*", Faculty of Architecture, Planning and Surveying, UiTM.
5. Siti Zuraini Ramley Alan, (Master degree, 2008), "*Turnover Intentions of Hotel Managers: Investigating the Influence of Organizational Justice, Psychological Contract Violation, and Affective Commitment*", Faculty of Hotel & Tourism Management, UiTM.

BACHELOR DEGREE FINAL YEAR PROJECT SUPERVISION

1. Veronica Jamilat, "*A Study On Knowledge, Attitude and Practices of Dengue Fever Prevention in Kg. Datuk Keramat, Kuala Lumpur*", BSc. (Hons) (Statistics), 2005.
2. Mohamad Arif Ahmad, "*A Study On Factors Affecting Birth Weight of Malaysian Babies: A Case Study in Hospital Kuala Lumpur*", BSc. (Hons) (Statistics), 2003.
3. Rosmiza Mohd Razali, "*The Awareness and Acceptance of Mobile Banking Services in the Klang Valley*", BSc (Information Technology), 2003.
4. Fauziah Samsuddin, "*A Study on Critical Factors Affecting Bone Density of Post-Menopausal Chinese and Malay Women*", BSc(Hons) (Statistics), 2002.
5. Mohd Shukor Mat Lazim, "*A Study on Factors Affecting Exports of Natural Rubber From Malaysia*", BSc (Hons) (Statistics), 2000.

MASTER THESIS (EXTERNAL) EXAMINER

2008

Teh Sin Yin

Data Mining for Robust Tests of Spread

Universiti Sains Malaysia

2015

Ong Ker Hsin,

An Optimal Design of S^2 -EWMA Control Chart based on Median Run Length (MRL) using Markov Chain Approach

Universiti Sains Malaysia

PHDTHESIS (EXTERNAL) EXAMINER

2013:

Alireza Abroud, "Factors Affecting Intention of Online Stock Trading",
Multimedia University, Malaysia

2014:

Syed Afrozuddin Ahmed, "Modeling of Population, Health and Environment Data Through Generalized Linear Models"

University of Karachi, Pakistan

2014:

Seyedeh Vahideh Rezaei

Ranking Multiple Intelligence for People with Epilepsy using Analytical Hierarchical Process And a new Interval Efficiency Model in Data Envelopment Analysis

Universti Teknologi Malaysia

2015:

T.C. Varughese

A Network Flow Approach for Workforce Management in a Services Organization under Finite Horizon, Varying Demand Scenario

Asia e-University Kuala Lumpur, Malaysia

2015:

Seyedeh Vahideh Rezaei

Ranking Multiple Intelligence for People with Epilepsy using Analytical Hierarchical Process And a new Interval Efficiency Model in Data Envelopment Analysis

Universti Teknologi Malaysia

PHDTHESIS (INTERNAL) EXAMINER

2013: Nor Zatul Iffa Ismail, PhD(Statistics Education), Universiti Teknologi MARA

Thesis Title: Modelling Students' Understanding of Introductory Statistical Concepts: A Cross-Sectional Study Using RASCH measurement model and Structural Equation Modeling.

MASTER DISSERTATION EXAMINER

1. Siti Hasma Hajar Mat Zin, "*A Comparison Study of Clustering Algorithms in Grouping Microarray Data*", MSc (Applied Statistics), UiTM, Semester Sept2012 - Jan 2013
2. Noor Zafarina Mohd Fauzi, "*Structural Equation Modeling of the Health Related Quality of Life (HRQOL) of Lecturers in UiTM*", MSc (Applied Statistics), UiTM, Semester Sept2011 - Jan 2012
3. Hartinee Kamaruzzaman, "*Using Cointegration Analysis to Study the Effects of Economics Variables on Food Imports in Malaysia*", MSc (Quantitative Sciences), UiTM, Semester Jan - May 2011
4. Noor Zafarina Mohd Fauzi, "*Structural Equation Modeling of the Health Related Quality of Life (HRQOL) of Lecturers in UiTM*", MSc (Applied Statistics), UiTM, Semester Jan - May 2011
5. Saadi Ahmad Kamaruddin, "*Neural Network with Application in Identification of Forensic Ballistics Specimen*", MSc (Applied Statistics), UiTM, Semester Jan - May 2011
6. Nur Faezah Jamal, "*A Comparative Study of Standard Error Computation for Complex Sample Designs in Selected Software*", MSc (Applied Statistics), UiTM, Semester July - Nov 2010
7. Omar Kairan, "*The Spatial Variability and Trend Detection Analysis on Monthly Rainfall Amount in Peninsular Malaysia*", MSc (Applied Statistics), UiTM, Semester July - Nov 2010
8. Juliza Salleh, "*Parameter Estimation of Robust M-estimator in Bootstrap Method for Multiple Linear Regression Model*", MSc (Applied Statistics), UiTM, Semester Dec - Apr 2010
9. Nor Azura Abdul Rahman, "*The Performance of Robust Method in Parameter Estimation for Logistic Regression Model in the Presence of Outliers*", MSc (Applied Statistics), UiTM, Semester Dec - Apr 2010
10. Norlita Ismail, "*Logistic Regression to Plan for Service Disruption: The likelihood of flight delay*", MSc (Quantitative Sciences), UiTM, Semester July - Nov 2008
11. NurAishah Awi, "*The Effect of Obtaining One's Preferred Service Brand on Consumer's Satisfaction and Loyalty in Higher Education: A Case Study on Final Year Degree Students of FTMSK*", MSc (Quantitative Sciences), UiTM, Semester July - Nov 2007
12. Nurhana Mohamad Rafiuddin, "*Perceived Satisfaction and Expectation towards Quality Services at MAHSA College: An Application of the SERVQUAL model*", MSc (Quantitative Sciences), UiTM, Semester July - Nov 2007
13. Zuriati Binti Ismail@Khorl, "*Analysis of Tax Payers Motivation in Using Electronic Tax Filing System: A Case Study*", MSc(Quantitative Sciences), UiTM, Semester Dec07 - Apr08

14. Nurhamiza Zakaria, "*Prediction of National Higher Education Fund Corporation (PTPTN) Loan Defaulters*", MSc(Quantitative Sciences), UiTM, Semester Dec08 - Apr09
15. Mohd Zairul Mazwan Jilani, "*Predicting Customer Dropout: A Case Study of an Islamic Bank in Malaysia*", MSc(Quantitative Sciences), UiTM, Semester Dec08 - Apr09

INVITATION AS SPEAKER

1. *Data Mining Using IBM SPSS Modeler 15*
AASUG 19th Conference
4 Dec 2015, Eastin Hotel, Petaling Jaya.
2. *SEM using AMOS (24 May 2015)*
Fuzzy Modelling Group, UTM
3. *SEM using AMOS (24-25 June 2014)*
iLQaM, UiTM
4. *Data Mining Using IBM SPSS Modeler 15*
AASUG 17 Conference
4 Dec 2013, Eastin Hotel, Petaling Jaya.
5. *Title: SPSS -Logistic Regression*
Faculty of Business School, UiTM Puncak Alam,
26 Nov 2012
6. *Title : Descriptive Statistics*
PhD Preparatory Course (Session 2013), Institut Tadbiran Awam (INTAN),
16 October 2012
7. *Title : Applied Structural Equation Modelling in Research*
PhD Preparatory Course (Session 2011), Institut Tadbiran Awam (INTAN),
9 November 2011.
8. *Title : Multiple Regression: Testing Mediating Variable*
SPSS 16th Annual Conference, Eastin Hotel, Petaling Jaya, Malaysia,
9 December 2010.
9. *Title : Applied Structural Equation Modelling in Research*
PhD Preparatory Course (Session 2010), Institut Tadbiran Awam (INTAN),
12 October 2010.
10. *Title : Multiple Regression Analysis with Moderating Factors*
Multiple Regression Analysis Course with Moderating Factors, International
Islamic University Malaysia, 21 Sep 2010.
11. *Title : Applied Structural Equation Modelling in Research*
PhD Preparatory Course (Session 2010), Institut Tadbiran Awam (INTAN),
2 November 2009.

12. *Title : Some Predictive Modeling Techniques for Categorical Dependent Variable*
Seminar Penyelidikan Sektor Awam 2008, (Public Sector Research Seminar 2008), Institut Tadbiran Awam (INTAN), 8-9 April 2008.
13. *Title : Some Applications of Data Mining*
National Statistics Conference 2006, Putrajaya International Convention Centre (PICC), 4-5 September 2006.
14. *Title : A Comparison of Modeling Causal Relationship using Multiple Regression and Structural Equation Modelling*
Persidangan Nasional Kuantitatif 2006 (National Quantitative Conference 2006).
27-28 February 2006.

Note: INTAN – National Institute of Public Administration (Malaysia)

STATISTICAL CONSULTATION PROJECTS REGISTERED UNDER RESEARCH MANAGEMENT INSTITUTE (RMI), UiTM

1. *Workshop Training for Trainers: Research Methodology and Statistical Methods for Ministry of Health Malaysia*
Venue: Intekma Resort, Shah Alam
11-13 August 2015
2. *Workshop Training for Trainers: Research Methodology and Statistical Methods for Ministry of Health Malaysia*
Venue: Cameron Highland
28-30 October 2014
3. *Multiple Regression Using SPSS Public Workshop*
Venue: Computer Lab 7, Faculty of Computer & Mathematical Sciences, UiTM
13-14 December 2010
4. *Structural Equation Modeling Using AMOS 16 Public Workshop*
Venue: Computer Lab 7, Faculty of Computer & Mathematical Sciences, UiTM
15-16 December 2010
5. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: SAS Institute Malaysia
17 - 19 September 2008
6. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: SAS Institute Malaysia
16 - 18 July 2008
7. *Essential Statistics for SAS Credit Scoring*
Venue: SAS Institute Malaysia
24 - 25 July 2008

8. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: Universiti Malaya, Malaysia.
22 - 24 May 2007
9. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: SAS Institute Malaysia
24 - 26 January 2007
10. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: SAS Institute Malaysia
12 - 14 December 2006
11. *Applying Data Mining Techniques Using SAS Enterprise Miner*
Venue: SAS Institute Malaysia
2 - 4 August 2006
12. *SAS Enterprise Guide: ANOVA, Regression and Logistic Regression*
Venue: SAS Institute Malaysia
26 - 28 July 2006
13. *Training on Application of Statistical Package for Social Sciences (SPSS) in Economic Evaluation Research*
Venue: Forest Research Institute of Malaysia (FRIM)
20 & 21 July 2006
14. *Statistical Analysis using SAS Workshop*
Venue: Universiti Utara Malaysia
27 - 29 June 2005
15. *SAS Enterprise Guide: ANOVA, Regression and Logistic Regression*
Venue: Malaysian Palm Oil Board (MPOB)
3rd, 6th and 7th December 2004

WORKSHOP INVITATIONS

1. *Logistic Regression and PLS-SEM Workshop*
UiTM Cawangan Kelantan
28-29 September 2014
2. *SEM using AMOS Hands-on Workshop*
iLQAM (Institute of Leadership & Quality Management), UiTM
24-25 June 2014
3. *Multivariate Data Analysis Workshop*
UiTM Cawangan Kelantan
19-20 November 2013
4. *AMOS Hands-on Workshop*
iLQAM (Institute of Leadership & Quality Management), UiTM
3-4 June 2013
5. *SPSS-Advanced Level*
Faculty of Accountancy, UiTM
25-26 April 2013

6. *AMOS Hands-on Workshop*
UiTM Cawangan Johor
30-31 October 2012
7. *AMOS Hands-on Workshop*
iLQAM (Institute of Leadership & Quality Management), UiTM
3-4 May 2012
8. “*Bengkel Pengurusan dan Penganalisan Data Menggunakan SPSS*”
(*Data Management and Analysis using SPSS*)
Jabatan Perangkaan Malaysia (Department of Statistics Malaysia)
13-14 October 2011
9. *AMOS Hands-on Workshop*
iLQAM(Institute of Leadership & Quality Management), UiTM
20-21 July 2011
10. *Structural Equations Modeling Using AMOS 18*
Faculty of Office Management, UiTM
12-13 July 2011
11. *Data Mining using SPSS Clementine*
Faculty of Computer & Mathematical Sciences, UiTM
14-15 June 2011
12. *Structural Equations Modeling Using AMOS 18*
UniversitiTeknologi MARA, Cawangan Sarawak
23 - 24 May 2011
13. *An Advanced Statistical Analysis Using SPSS*
Faculty of Accountancy, UiTM
22-23 December 2010
14. *An Intermediate Course to Statistical Analysis Using SPSS*
Faculty of Accountancy, UiTM
22-23 November 2010
15. *An Introductory Course to Data Analysis Using SPSS*
Faculty of Accountancy, UiTM
25-26 October 2010
16. *Structural Equations Modeling Using AMOS 16*
Faculty of Accountancy, Universiti Teknologi MARA
23 - 24 March 2010
17. *Structural Equation Modelings Using AMOS 16*
iLQAM, UniversitiTeknologi MARA
15 - 16 April 2010
18. *Advanced Statistical Analysis Using SPSS 16*
Faculty of Accountancy Department, UiTM
4 - 5 March 2010

19. *Multivariate Data Analysis Using SPSS*
Universiti Teknologi MARA, UiTM Sarawak
23 - 24 Jan 2010
20. *Multivariate Analysis Workshop*
UiTM Sarawak Branch, Kuching, Malaysia.
17 & 19 October 2007
21. *An Introduction To Structural Equation Modelling Using AMOS 6*
Accountancy Department, Universiti Teknologi MARA
7-8 March 2007
22. *Structural Equation Modelings Using AMOS*
Universiti Teknologi MARA, Johor Campus, Malaysia.
4-5 January 2006
(Statistical Training Project Approved by the Dean, FTMSK UiTM)
23. *SPSS Intermediate Course*
Faculty of Tourism and Hotel Management, UiTM
4-5 May 2005
24. *SPSS Intermediate Course*
Faculty of Accountancy, UiTM
8 - 9 September 2005

BOOK REVIEWER

Book title: Statistical analysis Using SPSS 17
 Publisher: McGraw-Hill

STUDENT DEVELOPMENT ACTIVITIES

1. Lecture "Some Guide on Writing Your Industrial Training Report", 31 March 2013, Faculty of Computer and Mathematical Sciences, UiTM
2. Lecture Series (Correlation Analysis), 25 March 2011, Faculty of Computer and Mathematical Sciences, UiTM
3. Seminar Kebangsaan PascaSiswazah ISM Pertama, 1st ISM National Post-Graduate Seminar, 2 May 2011, University Malaya. (Panel of Judges)
4. Lecture "Some Guide on Writing Your Industrial Training Report", 30 December 2010, Faculty of Computer and Mathematical Sciences, UiTM
5. Pra-Hari Statistik Sedunia (Pre-World Statistics Day), 9 October 2010, University Malaya. (Chief Judge of ISM-SPSS Challenge)
6. SAS -EON Knowledge Discovery Challenge, 22 September 2010, Sunway University College. (Team Advisor)
7. Jalinan Ukhwah 'Instats Day', 5 October 2013, Kompleks Sukan UiTM.

COMMUNITY SERVICE

1. As a contributor to WWF-Malaysia to support nature conservation in Malaysia.
2. Member of 'Persatuan Social dan Kebajikan UiTM"
3. Life-Member of PEWANI(Persatuan Wanita UiTM)

