



UTM
UNIVERSITI TEKNOLOGI MALAYSIA



International Symposium on
Current Approaches & New
Trends in Social Sciences

FACTORS INFLUENCING THE ACHIEVEMENT OF INTERNATIONAL STUDENTS IN MALAYSIA – Reflections of UTM Alumni



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Presentation Outline



INTRODUCTION



LITERATURE REVIEW

METHODOLOGY



FINDINGS



Global Education Trends Change



Last 5 decades
From East to West

(OECD, 2016)

Recently:
Multi-direction

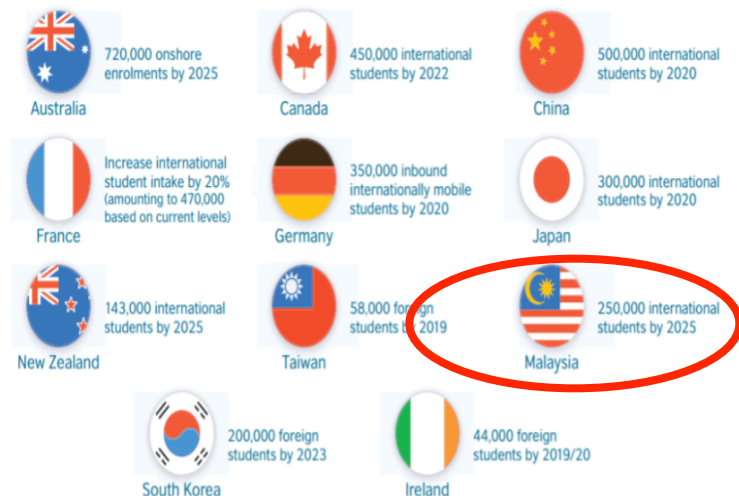
(Karzunina, West, Moran, & Philippou, 2017)

ASIAN study in ASEAN
21-42% from 2008-2017

(Oxford, 2017)

Countries target to welcome international students

Selected international student recruitment targets



Source: British Council

<https://www.eaie.org/blog/10-trends-changing-global-higher-education.html>

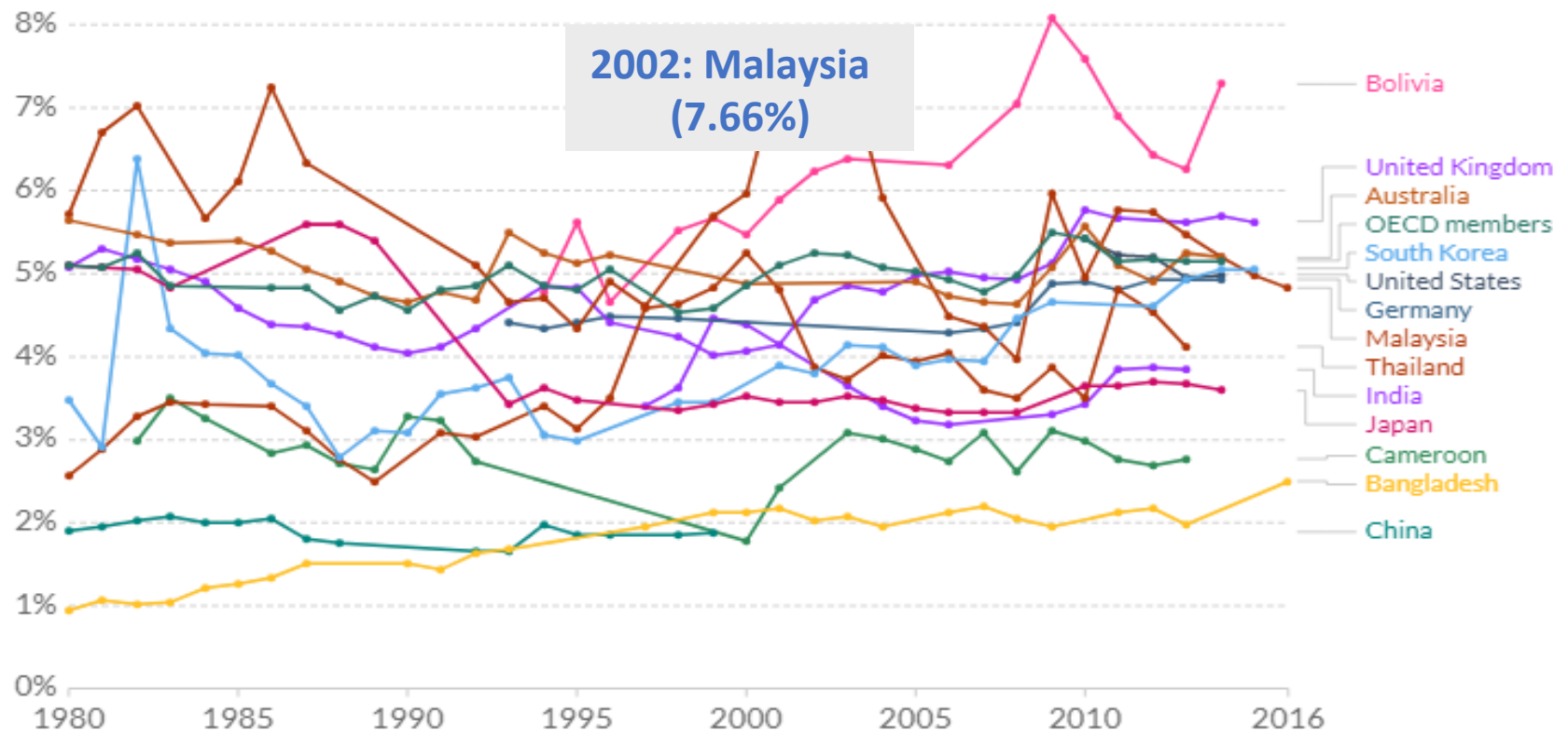
Total Government Expenditure on Education

Total government expenditure on education, 1980 to 2016

Total general government expenditure on education (all levels of government and all levels of education), given as a share of GDP.

Our World
in Data

+ Add country



Malaysia is one of the countries with high rate of expenditure on Education

Malaysia & Best ASEAN Universities Ranking Map.



BEST UNIVERSITIES 2020 SOUTHEAST ASIA RANKING			QS WORLD UNIVERSITY RANKINGS
1			NANYANG TECHNOLOGICAL UNIVERSITY
2			NATIONAL UNIVERSITY OF SINGAPORE
3			UNIVERSITI OF MALAYA
4			UNIVERSITI PUTRA MALAYSIA
5			UNIVERSITI KEBANGSAAN MALAYSIA
6			UNIVERSITI SAINS MALAYSIA
7			UNIVERSITI TEKNOLOGI MALAYSIA
8			CHULALONGKORN UNIVERSITY
9			UNIVERSITAS INDONESIA
10			UNIVERSITI BRUNEI DARUSSALAM

There are 05 Malaysian universities in top 10 Best Universities in ASEAN 2020 (QS- World University Ranking)

Problem Statement

General statement

- Malaysian Government and universities policies have much invested in education system, for local & international attraction.
- International students in Malaysia increasing significantly , reached 90.000 in 2010 and target to 200.000 in 2020. (Abdullah, 2009; Yusliza, 2010; Yusliza & Chelliah, 2010).

Research Gaps

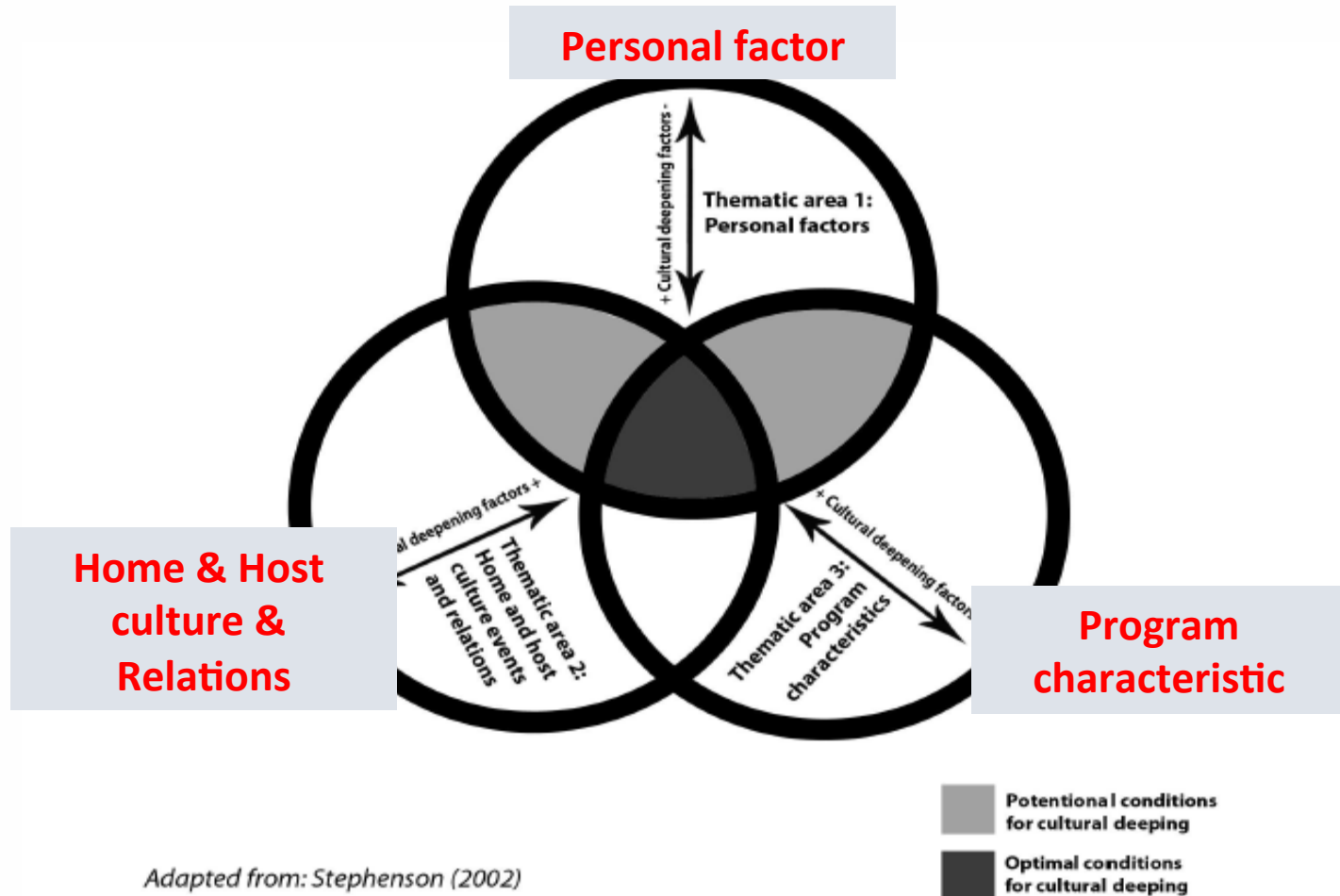
- Previous studies found that Foreign students facing challenges in adapting to unfamiliar environment and achieving an academic goal. Lack of study involved internationalization conducting related to Malaysian Alumni.

Objectives

- To investigate the factors affecting the learning and development outcomes of international students from the alumni perspectives.

Terms	Express	Citation
Cosmopolitanism	Understood in the context of modern day globalization	Sobre-Denton (2015)
Cultural/intercultural learning	<ul style="list-style-type: none"> • Learning about elements of culture • Learning about self as a cultural being • Culture specific learning • Culture general learning • Learning about learning 	Paige & Goode (2009)
Cultural deepening	The ability of an individual to cognitively shift their cultural frame of reference in relation to cross-cultural encounter	Stephenson, (2002)
Cultural intelligence (CQ)	Metacognitive; Cognitive, Motivational; Behavioral	Livermoore (2010) Peterson (2004) Thomas & Inkson (2010)

Stephenson's model



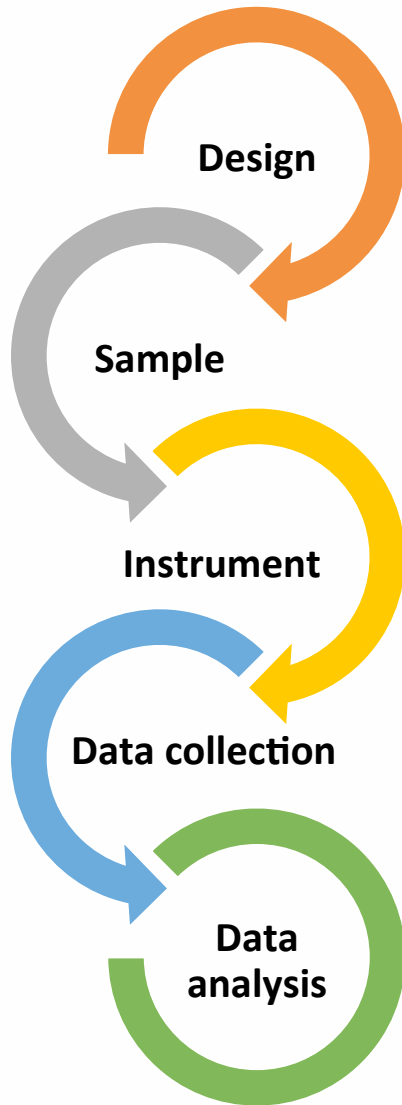
Stephenson, S. (2002). Cross-cultural "deepening" throughout study abroad

International Students in UTM



4807 Students from  **77 Countries**

Methodology



Quantitative study

87 respondents

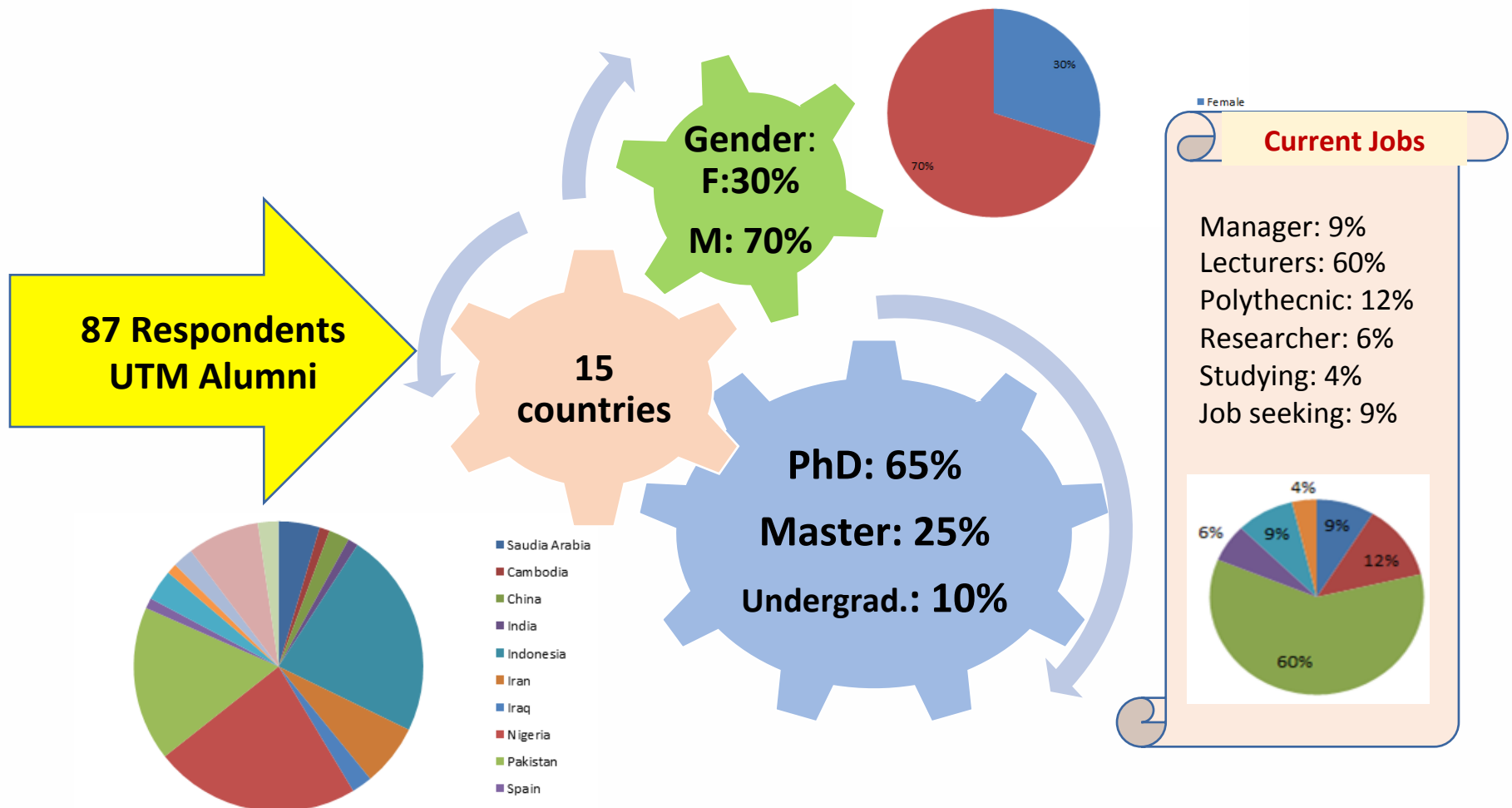
Adapted questionnaire & Piloted for validity & Reliability Test

Online through google form – Google drive

Smart-PLS - SEM

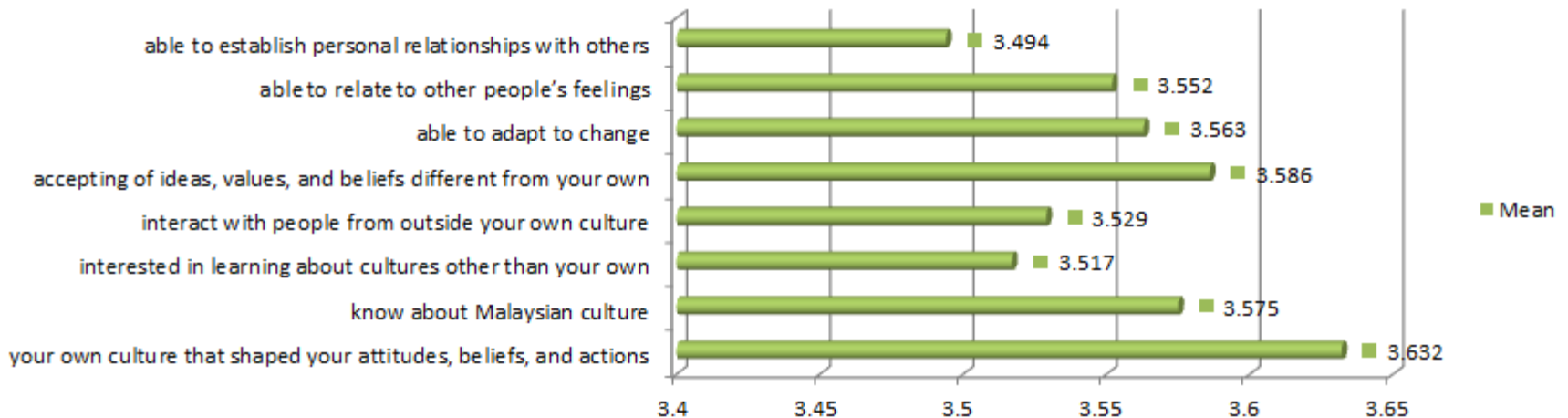
Findings

Demographic



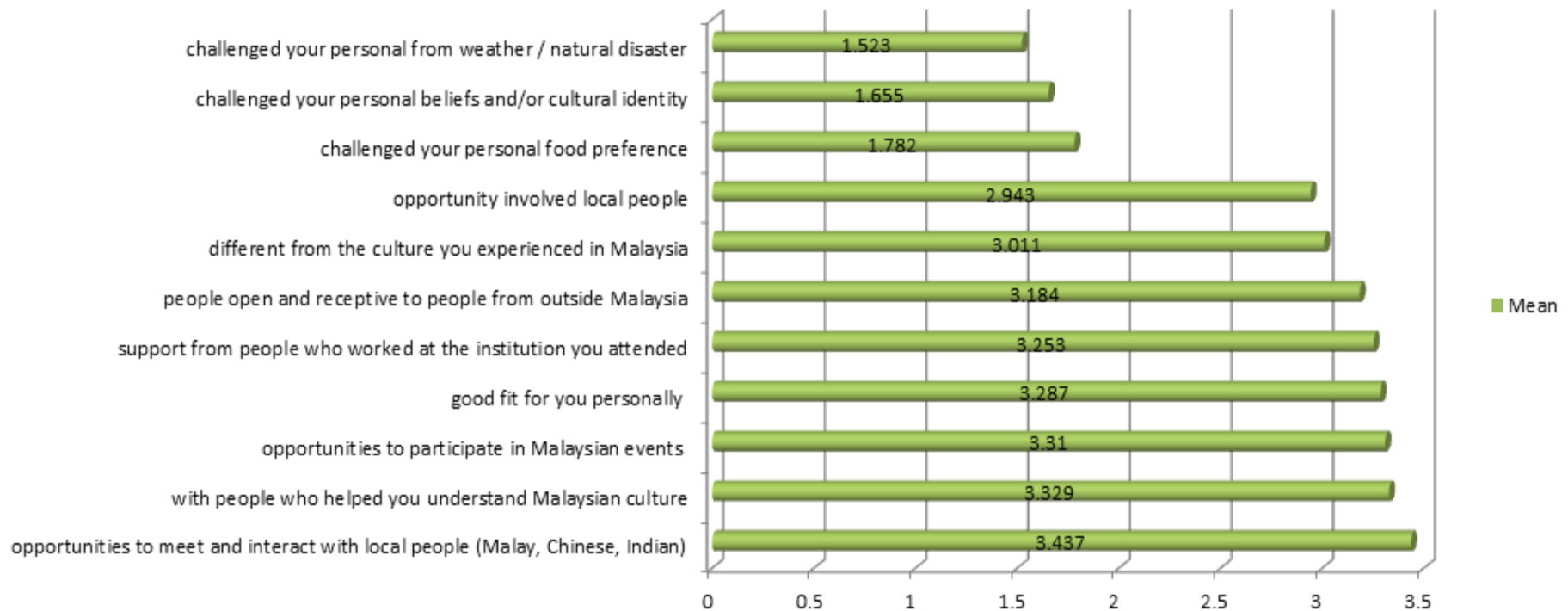
UTM Alumni self- evaluated when studying in Malaysia

Personal characteristics



- * Group personal characteristics of “ know about Malaysian culture, “able to adapt to change”, accepting of ideas, values and beliefs difference” received high means.
- * Interact people outside and make personal relationship” outside received value of mean in lower.

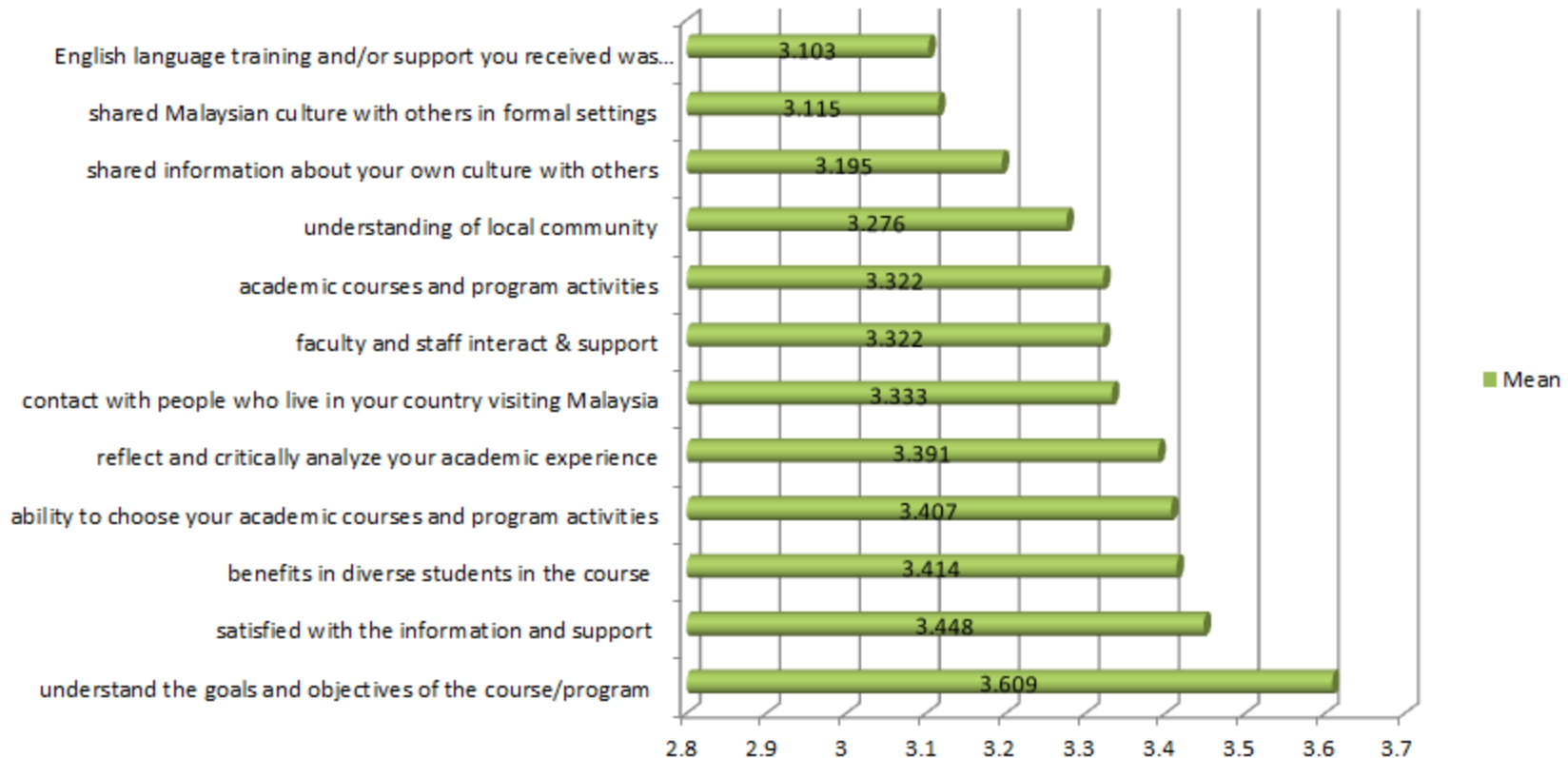
UTM Alumni Perspective of Malaysian Culture



MULTI-CULTURE/ SAFE – PEACE – OPEN – SUPPORT

UTM Alumni Perspective of Program Characteristic in Malaysia

UTM Alumni perspective of Program Characteristic in Malaysia

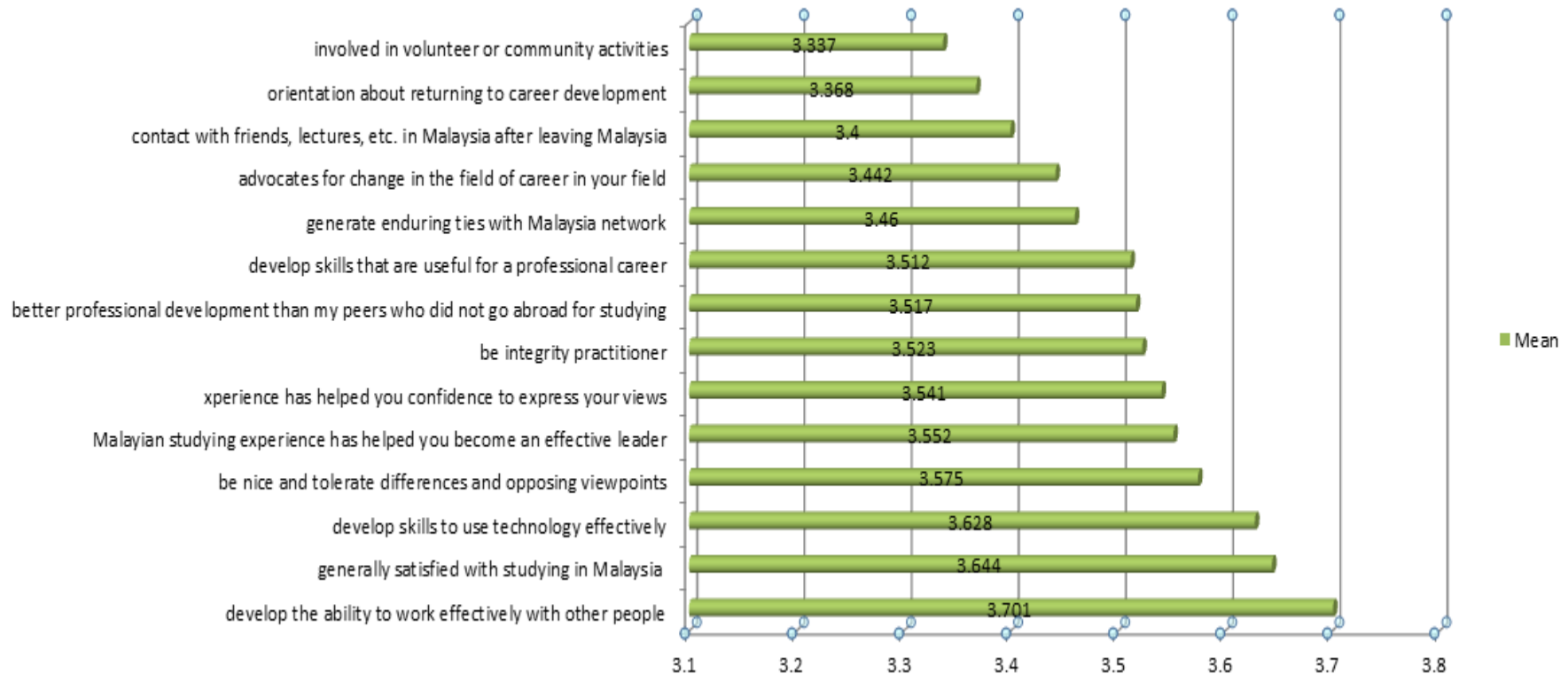


* 12 items received mean > 3.0: Highly appreciated

* Groups of academic activities inside Universities received mean greater than outside activities.

UTM Alumni Perspective on Learning & Development Outcomes in Malaysia

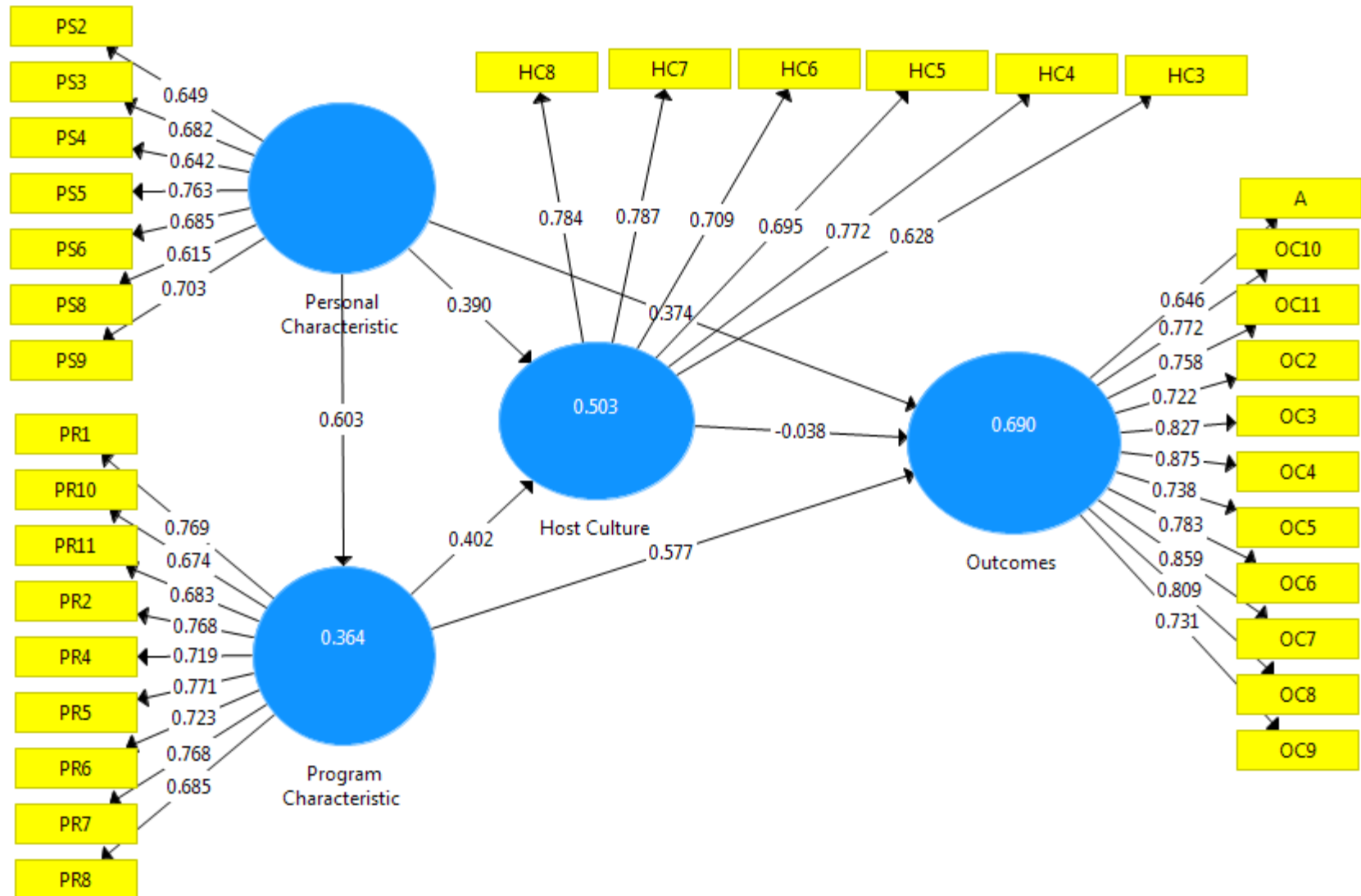
UTM Alumni Perspective of Learning & Development Outcomes in Malaysia



* All 14 items on learning and development outcomes received mean > 3.0: **Positive Outcomes.**

- * Teamwork – Technology – nice behaviors received the highest value of mean.
- * Professional skills , leadership skills received the mean at the second highest.
- * Volunteers in community skills groups got lower mean.

Measurement Model TEST



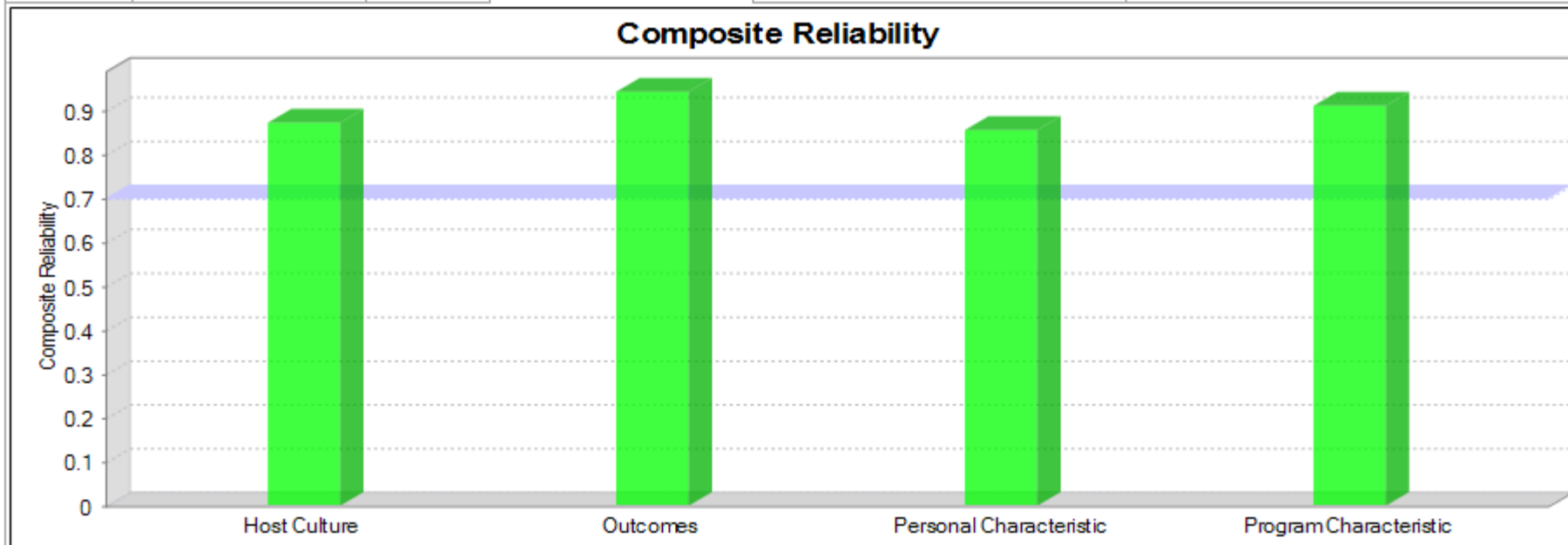
Construct Reliability and Validity

Construct Reliability and Validity

Matrix	Cronbach's Alpha	rho_A	Composite Reliability	Average Variance Extract
	Cronbach's Al...	rho_A	Composite Rel...	Average Varian...
Host Culture	0.827	0.847	0.873	0.535
Outcomes	0.933	0.934	0.943	0.604
Personal Characteristic	0.805	0.811	0.856	0.560

Construct Reliability and Validity

Matrix	Cronbach's Alpha	rho_A	Composite Reliability	Average Variance Extracted (AVE)	Copy to Clipboard:	Chart
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Discriminant Validity

Discriminant Validity

	Host Culture	Outcomes	Personal Chara...	Program Char...
Host Culture	0.731			
Outcomes	0.567	0.777		
Personal Chara...	0.633	0.699	0.679	
Program Chara...	0.637	0.779	0.603	0.730

(Fornell and Larcker, 1981)



Structural Equation Model

Path Coefficients

	Mean, STDEV, T-Values, P-Values	Confidence Intervals	Confidence Intervals Bias C...	Samples	Copy to Clipboard:	Excel Format
	Original Sampl...	Sample Mean (...)	Standard Devia...	T Statistics (IO...	P Values	
Host Culture -> Outcomes	-0.038	-0.040	0.090	0.428	0.669	
Personal Characteristic -> Host Culture	0.390	0.391	0.109	3.565	0.000	
Personal Characteristic -> Outcomes	0.374	0.374	0.086	4.365	0.000	
Personal Characteristic -> Program Characteristic	0.603	0.609	0.081	7.436	0.000	
Program Characteristic -> Host Culture	0.402	0.404	0.109	3.698	0.000	
Program Characteristic -> Outcomes	0.577	0.582	0.090	6.425	0.000	

t-value > 1.96 P-value < 0.05

- * Programs and Personal characteristic are factors **significantly impact** in Student learning and development outcomes.
- * Host Culture factor has a **weak corellation** in outcomes.

Malaysian Context & Internationalization Higher Education



=> **80% respondents in this study working in universities and Industry, among them, 10% position at manager or leaders.**
→ **Malaysian Universities contributed of high skills professional staff in human resources development for ASIA and others.**

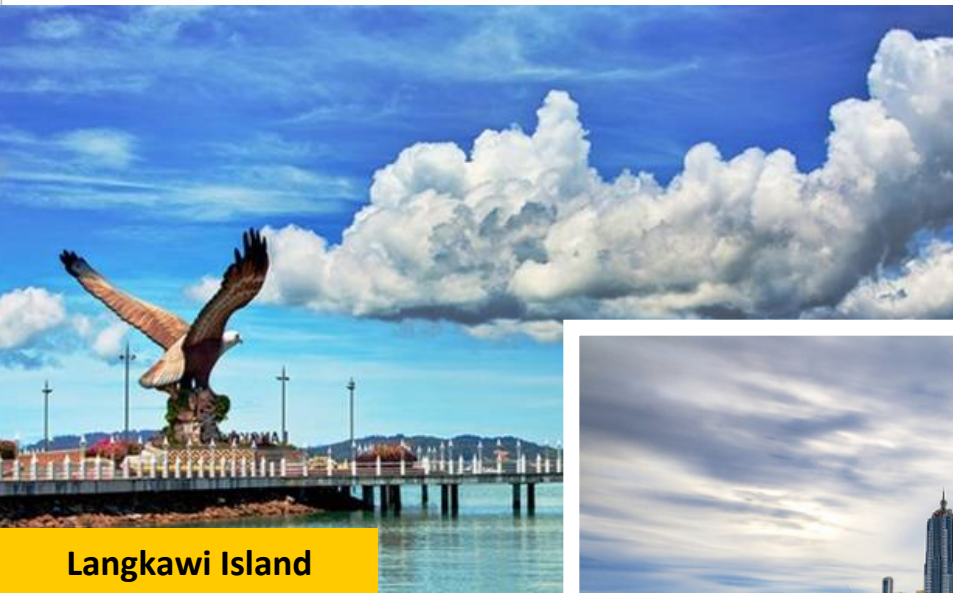
During previous 5 decades, Malaysia polices send students study abroad and when came back, they remarkably contributed in internationalization of curriculums, program and improving academic environment adapt with global standards.

=> **Evidences: Malaysian Universities reached at high ranking universities in the world.**

- Geographical strengths:

- + No nature disasters: Earthquake , storms, volcano,... not occurred
- + An island country with many beautiful views for tourist destinations,
- + Tropical country with many fruits , diversity of foods; Halal food with much concern of health and safe;

Tourist Destination in Malaysia



Tourist Destination in Malaysia



Putrajaya



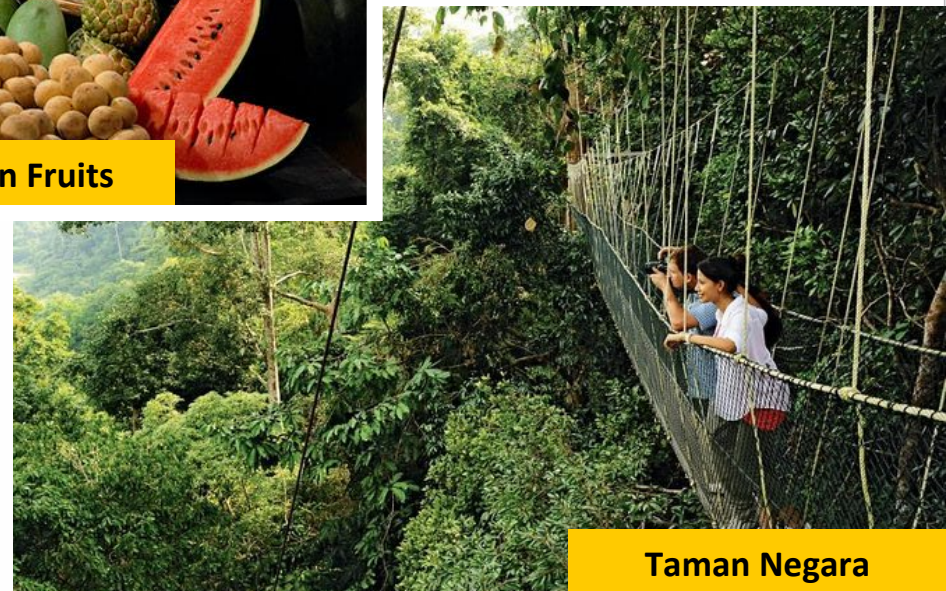
Mount Kinabalu



Cameron Highland



Malaysian Fruits



Taman Negara

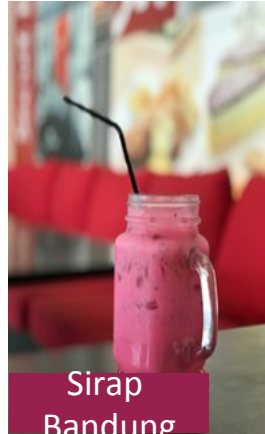
Food in Malaysia



Nasi
Lemak



Teh Tarik



Sirap
Bandung



McDonald's



Starbucks



Laksa
Johor



Laksa
Penang



Laksa
Sarawak



Chee Cheong
Fun



Pizza Hut



Nasi
Kandar



Roti
Canai



Mee
Bandung

Malaysian Context & internationalization In Higher Education



Most international students come to Malaysia from ASIA, or Muslim countries, therefore, not much challenges in adapting with Malaysian culture.

=> **Improve policies and more promotion to welcome international students from other zones**

Malaysia is multi-culture (Malay, Chinese, Indian) and multi-religion. International students easier to have a good fit with the diversity environment, outside & inside classes.

=> **Need to promote Malaysian Culture to the world**

Sample of this study: 87, need to have a bigger size of sample. Respondents in this study are mostly post graduates

=> **Need to conduct study involving more undergraduate students.**

Multicultural Country



- Malay
- Chinese
- Indian
- Indigenous tribe



20.9 M
(69.7%)
Malay



6.7 M
(22.5%)
Chinese



Sabah -
Iban



2.0 M (6.8%)
Indian



Sarawak -
Kadazan

Others: 0.3 M
(1.0%)

Multi Religion



- Islam (Official)
- Buddhism
- Christianity
- Others



Eid al-Fitr



Christmas



Deepavali



Chinese New Year

Conclusion



Malaysia has investments and establishes policies to target in welcoming international students through develop world class of programs, academic staff & facilities. Consequences, Malaysia is one of the good destinations for international students to come and study.



Malaysian Alumni are strongly satisfied with the multi-culture, peace & safe place; teamwork – technology – diversity in academic professional environment in Universities, in which, helped them study and development.



The recommendations from respondents in improving internationalization in HE are: English proficiencies, promote exchange culture & connect with local communities activities, such as tourism and knowledge sharing.



UTM Johor Bahru campus



UTM Kuala Lumpur Campus

Thank You