The Development of a Flourishing Scale: Online Version for Higher education students.

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Abstract: The research aimed to study the measure of growth online form for tertiary students .To check the structural validity of the growth scale and develop an online growth scale for students in higher education by using the measure flourishing, adopting from Keyes (2002) concept in students level Bachelor's degree of private university's was studied Questionnaires were used as a means for data collection from a sample of 515 supporting students level Bachelor's degree of private university. The results of the study showed that intellectual growth spiritual growth Social prosperity has a positive direct, indirect and indirect influence on the development of 4th year tertiary students in Thailand should promote and support cooperation within the measure development as well as to enhance the competitive advantage and develop teaching and learning in various fields of Thai students.

INTRODUCTION

1. Background

Keyes' polythetic approach, derived by examining the Diagnostic and Statistical Manual's internationally agreed diagnostic criteria and identifying each symptom's opposite (DSM;American Psychiatric Association, 1987), requires the combined presence of high levels of emotional, psychological and social wellbeing symptoms (Keyes, 2002). Hence, in the same way that a diagnosis of depression requires indications of an hedonia and malfunctioning, Keyes requires the presence of hedonic symptoms and positive functioning for a person to be classified as flourishing. His conceptualisation provides self-report assessment of how individuals see themselves functioning personally, as well as evaluating how they see themselves functioning in society. This model of flourishing is underpinned by three theoretical origins: 1) Diener's studies on emotional wellbeing (Diener, Suh, Lucas, & Smith, 1999), 2) Ryff's distinction between hedonic (subjective or emotional) wellbeing and eudaimonic (psychological) wellbeing (Ryff 1989), and 3) his own studies on social wellbeing (Keyes, 1998).
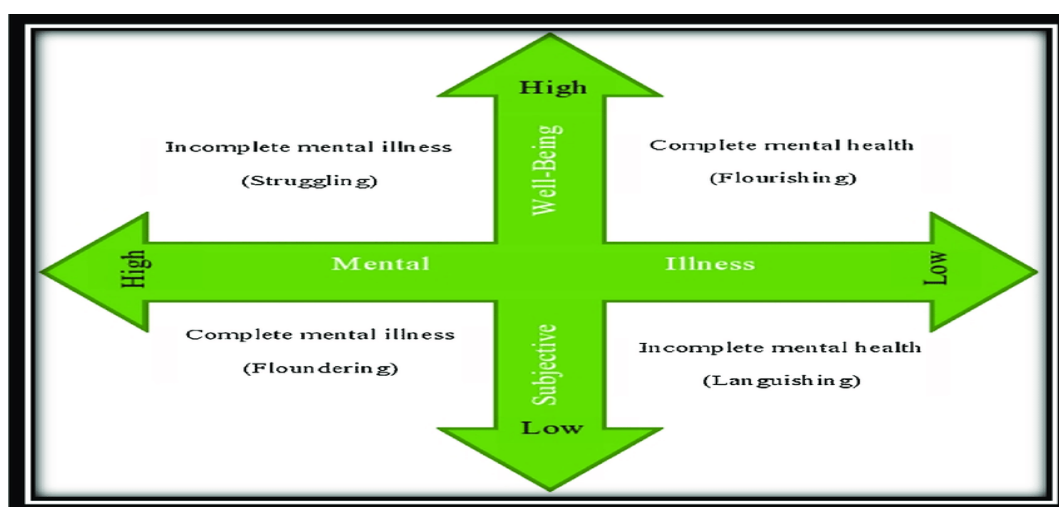

Pig 1.1 Conceptual framework to measure flourishing, adopting from Keyes (2002).

2. Methods

515 supporting students level Bachelor's degree of private university. Were asked through questionnaire to measure gender, age, grade level, study plan ,school name and measuring flourishing to test a construct validity of the flourishing scale i.e .cognitive flourishing, psychological flourishing, and social flourishing. Five Rating Scale(1=lowest ,2=low , 3=moderate, 4=high ,5=highest). The flourishing consisted of three components i.e. Cognitive flourishing, psychological flourishing, and social flourishing, Process, and to test the coherence of the model with the empirical data by using a ready-made program The harmoniousness of the model (Goodness of Fit) was analyzed by path analysis using linear structural relational model or Amos model using structural equation analysis (SEM) with Amos program.(Direct Effect), Indirect Effect and Total Effect. Factors affecting online prosperity consisted of cognitive flourishing, psychological flourishing, and social flourishing.

3. Results

Table 1. Descriptive Statistics for Classification power and reliability of Flourishing scale

Flourishing scale	Classification power	Confidence
1. Cognitive flourishing	.22-.55	.74
2. Psychological flourishing	.26-.63	.81
3. Social flourishing	.49-.75	.93
Flourishing scale	**.22-.75**	**.94**

3.1 The table shows the 515 respondents found that the entire measure of prosperity Total discriminating power = 0.22-0.75 .Confidence = 0.94 the most discriminating power was social prosperity. Has a classification power = 0.49-0.75 .Confidence value 0.93, followed by mental growth. Total discriminant power = 0.26-0.63 the confidence value is 0.81 and the last order is intellectual growth. Having classification power = 0.22-0.55 Confidence factor 0.74 respectively.

Table 2. Descriptive Statistics for average statistic and Total average of the scores obtained from flourishing scale.

Component	Average		Standard deviation(S.D)
	Item	Total	.46
1. Cognitive flourishing	1.80-5.00	3.94	
2. Psychological flourishing	1.93-5.00	3.91	.50
3. Social flourishing	2.13-5.00	4.03	.51
Flourishing	**2.11-5.00**	**3.93**	**.44**

3.2. The table shows the 515 people found that the growth components had a high total mean of each item = 2.11-5.00, the total mean was 3.93, S.D = 0.44, but when considering each aspect component, it was at a high level in all aspects. The average from highest to lowest is Social prosperity =2.13-5.00 Total mean = 4.03, S.D = 0.51) followed by mental prosperity. =1.93-5.00 Total mean = 3.91, S.D = 0.50 items with least individual mean component Intellectual prosperity = 1.80-5.00 total mean = 3.94, S.D = 0.46 respectively.

Table 3. Descriptive Statistics for Shows the results of checking the validity of the prosperity model.

Goodness of fit test.	Consider the criteria	The resulting value for each element				Inspection results
		Cognitive flourishing	Psychological flourishing	Social flourishing	Flourishing	

DF(2χ/df)	< 2.00	72.72/60=1.21	80.14/64=1.25	80.93/66=1.23	1,037.56/817=1.27	**pass**
RMSEA	<.05	.02	.02	.02	.03	**pass**
SRMR	<.08	.03	.03	.03	.04	**pass**
GFI	>.90	.98	.98	.98	.91	**pass**
CFI	>.90	1.00	1.00	1.00	.99	**pass**

3.3. The table shows that results of checking the validity of the prosperity model. The results of the examination revealed that it passed the Goodness of fit test criterion DF (2X/df), the consideration criteria < 2.00. The value obtained for each component Intellectual growth 72.72/60=1.21 mental prosperity, 80.14/64=1.25 Social prosperity 80.93/66=1.23 Total prosperity 1,037.56/817=1.27 passed the next criterion. Good suitability index RMSEA Criteria < .05 intellectual prosperity .02 mental prosperity.02 Prosperity in the mind of society.02 Total prosperity.03 Inspection result passed the next criteria Goodness of fit test index (SRMR) Consideration criteria < .08 the value obtained for each component of intellectual prosperity.03 in terms of mental growth. 03 aspects Social prosperity.03 Total prosperity0.4 qualified Next, the Goodness of fit test index (GFI), the criteria for consideration < .90, the value obtained for each component of intellectual well-being is .98.in terms of mental well-being. 98 aspects Social prosperity.98 Total prosperity 0.91 which passed the last criterion Goodness of fit test CFI Criteria < .90 The value obtained for each component of intellectual prosperity 1.00 Mental prosperity aspect 1.00 aspect social prosperity 1.00Total prosperity0.99 which passed the criteria in order.

4. Discussion/ conclusion

The results discovered in this study.

1. Measure of prosperity for tertiary students It is a measure that measures 5 levels. Rating scale consists of intellectual growth spiritual growth
The most important aspect of social prosperity is the social prosperity component.
2. Checking the validity of the prosperity model, the results showed that it passed the Goodness of fit test criterion DF(2X/df), the consideration criteria < 2.00, the value obtained for each component of prosperity. Intellectual growth72.72/60=1.21 On the aspect of mental growth, 80.14/64=1.25 aspect Social prosperity 80.93/66=1.23 Total prosperity 1,037.56/817=1.27 passed the criteria.
3. The results of the study showed that intellectual growth spiritual growth
Social prosperity has a positive direct, indirect and indirect influence on the development of 4th year tertiary students in Thailand should promote and support cooperation within the measure development as well as to enhance the competitive advantage and develop teaching and learning in various fields of Thai students
4. In the next research study, more diverse data collection methods should
be chosen to accommodate a group of students in Year 1-3 with diversity in national beliefs, religions and data collection areas This information therefore be useful in further development.
5. The development of growth scale should add more new theories and concepts to measure it.

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