

The first International Seminar of Widyaaiswara 2019

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**BPSDMD Campus, Pandeglang, Banten Province
25 – 28 February 2019**

Theme: “Creating Adaptive and Responsive Bureaucracy”



IWI

Banten Province



BPSDMD

Banten Province

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Widyaiswara Association of Banten Province (IWI Banten)

BPSDMD of Banten Province, Pandeglang, 25 – 28 February 2019

**Theme: “Creating Adaptive and Responsive
Bureaucracy**

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PREFACE

The first International Seminar of Widyaiswara on the Campus of BPSDM of Banten Province in Pandeglang, was held during 25 – 28 February 2019. The seminar was attended by more than 100 participants; most of them were widyaiswara coming from various institutions. The 80 extended abstracts were presented in the second and third days of the seminar, meanwhile the fourth day was allocated for the city tour to the historical place of Banten Sultanate.

There was one main panel session, in which five keynote speakers delivered their speeches, and there were 5 plenary sessions covering different areas of the Seminar. The Seminar had been planned to be officially opened by HE the Governor of Banten, but according to sudden agenda, the Governor delegated the Secretary of Banten Province, **Dr. Ino S. Rawita**, to open the seminar and deliver the speech. We would like to express our high gratitude to all keynote speakers for their important and meaningful speeches, those include:

1. **Dr. Adi Suyanto**, Head of Indonesia National Institute of Public Administration
2. **Ms. Roksana Khan**, Public Sector Lead Adviser, the Australia-Indonesia Partnership for Economic Development (Prospera)
3. **Mr. Arnel Capili**, Deputy Executive Director, ASEAN Coordinating Centre for Humanitarian Assistance (AHA Centre)
4. **Juliaty Ansye Sopacua, Ph.D**, Technical Advisor of SDGs for UNDP Indonesia

Generous support for the conference was provided by the BPSDM of Banten Province team including all widyaiswara of Banten Province. All in all, the first International Seminar of Widyaiswara in Pandeglang, Banten was very successful. We highly appreciate the friendship and strong motivation from all participants for the success of the event. We are looking forward for your participation in the next seminar in Banten Province.

Pandeglang, 11 March 2019

The Seminar Chairman

Endrawati

The Organizing Committee

The International Seminar of Widyaaiswara 2019 Banten Province, 25 – 28 February, 2019

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3	Mr. Arnel Capili , Deputy Executive Director, ASEAN Coordinating Centre for Humanitarian Assistance (AHA Centre)		
4	Juliaty Ansye Sopacua, Ph.D , Technical Advisor of SDGs for UNDP Indonesia		

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OFFICIAL RUNDOWN
INTERNATIONAL SEMINAR OF WIDYAISWARA 2019
HUMAN RESOURCES DEVELOPMENT AGENCY OF BANTEN PROVINCE
IN COLLABORATION WITH
WIDYAISWARA ASSOCIATION OF BANTEN PROVINCE

Day #1
Monday, 25 February 2019

TIME	AGENDA
12.00 – 17.00	Check - in
17.00 – 19.00	Break
19.00 – 21.00	Welcoming speech / dinner

Day #2
Tuesday, 26 February 2019

TIME	AGENDA
09.00 – 10.00	Opening Ceremony
10.00 – 10.45	Dr. H. Wahidin Halim , HE Governor of Banten Province
10.45 – 12.15	<u>Panel Session 1:</u> <ul style="list-style-type: none"> ▪ Dr. Adi Suyanto, Head of Indonesia National Institute of Public Administration ▪ Ms. Roksana Khan, Public Sector Lead Adviser, the Australia-Indonesia Partnership for Economic Development (Prospera) (Moderator: Endan Suwandana, Ph.D.)
12.15 – 13.30	Break
13.30 – 15.00	<u>Panel Session 2:</u> <ul style="list-style-type: none"> ▪ Mr. Arnel Capili, Deputy Executive Director, ASEAN Coordinating Centre for Humanitarian Assistance (AHA Centre) ▪ Juliaty Ansye Sopacua, Ph.D, Technical Advisor of SDGs for UNDP Indonesia (Moderator: Rahmat Suyatna, M.Pd., M.Si.)
15.00 – 15.30	Break

Day #2
Tuesday, 26 February 2019

Parallel Session 1			
Time: 15.30 – 17.30			
Room A	Room B	Room C	Room D
Moderator:	Moderator:	Moderator:	Moderator:
Endan Suwandana	Rachmat Soegiharto	Rahmat Suyatna	Endarto
Anindita Dyah Sekarpuri Ina Yuniati Supriyono Nina Hernawati Riduan Zaki	Farid Handoko Wisnu Nugrahini Ribut Sugianto Evan Avianto	Ihlas Ahmad Subarkah Entus Sahal Tusturi Yasin Yasani Achmad Nurhadi	Suci Ingrid Aswandi Zaniar Aswandi
Break (17.30 – 19.00)			

Parallel Session 2			
Time: 19.00 – 21.00			
Room A	Room B	Room C	Room D
Moderator:	Moderator:	Moderator:	Moderator:
XXX	Saefudin	Tata Zakaria	Endarto
Hendra Utama Andri Arjita Bosman Donald Hutahaeen Dede Tarmana Nurhayati	Madona Ecih Sukemsih Achmad Nurhadi Umroh Bilbina	Faizal Juniarto Widodo Yuliana Ria Uli Sitanggang	Sofiaty Muhammad Iqbal Fadillah
Break (21.00 – 21.30)			

Day #3
Wednesday, 27 February 2019

Parallel Session 3			
Time: 08.00 – 10.00			
Room A	Room B	Room C	Room D
Moderator:	Moderator:	Moderator:	Moderator:
Maslichah Kurdi	Hafiz Supriyadi	Nina Hernawati	Endarto
Ali Subroto Suprpto Supriyono	Jimmy Ludin Ahmadriswan Nasution Euis Naya Sari Dewi Permana Sari	Mustofa Kamal Wakhyudi Nur Endah Widyastuti	Yana Irawati Wicaksono Febriantoro Irwan Setiawan Murahmini
Break (10.00 – 10.15)			

Parallel Session 4			
Time: 10.15 – 12.15			
Room A	Room B	Room C	Room D
Moderator:	Moderator:	Moderator:	Moderator:
Endan Suwadana	Saefudin	Silviani Kesuma	Endarto
Rina Rostarina Miftakhuddiniyah Retno Daru Dewi Silviani Kesuma	Irwan Setiawan Supinah Christian Tobing Hafiz Supriyadi	Natan Tanduk Lande Luluk Lailatul Bdriyah Rachmat Soegiharto	Bonnie Israminaria M. Syafridin Bustomi Agustina Dessy Phawestrina
Break (12.15 – 13.00)			

Extended abstract

**ANALYSIS OF DIFFERENCE IN ACCEPTANCE OF E-LEARNING
SYSTEM WITH TECHNOLOGY ACCEPTANCE MODEL AND
REPARAMETERIZATION METHOD**

Budi Subandriyo

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Introduction

Education and Training Center, BPS-Statistics Indonesia has implemented in education and training by using the e-learning system since 2013, with participants consisting of Staff and District Statistics Coordinators (KSK) throughout Indonesia. The e-learning system built to facilitate the learning process by utilizing information technology, will be used in accordance with the expected goals if all training participants can receive and use the system optimally. According to Kang (1998), the application of a new information technology system in an organization will affect the entire organization, especially in its human resources. Therefore the success in the use and development of information systems depends on the level of user acceptance of the information system. This is because the level of user acceptance has a large influence in determining whether an information system can function as expected.

Method

This study wants to see whether there is a difference in acceptance of e-learning technology between staff groups and KSK groups as participants in Distance Education Training. The analytical method used is Structural Equation Modeling (SEM) with the Technology Acceptance Model (TAM) model. This research uses reparameterization techniques, as a way of testing differences in parameters from two groups in structural equations, which are usually based on differences in the values of χ^2 ($\Delta\chi^2$) from multigroup estimates with parameters set together and multigroup estimates with different parameters. This approach is certainly not practical if we have many parameters that must be compared. In this case we have to do repeated estimation of the model as many parameters as we want to compare. Therefore a more practical approach is needed to compare parameters especially in the case of two groups as in the case of the Technology Acceptance Model (TAM) model of the two training group participants with the e-learning system that used the Education and Training Center, BPS-Statistics Indonesia

The choice of model in this study was formulated based on theory or previous research, in this case using the theory of Technology Acceptance Model (TAM) which was first introduced by Davis in 1989. In this study did not use the TAM structure as a whole, but instead used related variables in user acceptance of the BPS Education and Training Center e-learning technology. This is also due to the use of this system which is mandatory or must be used by distance learning statistic participants. The TAM model used can be shown in the following figure:

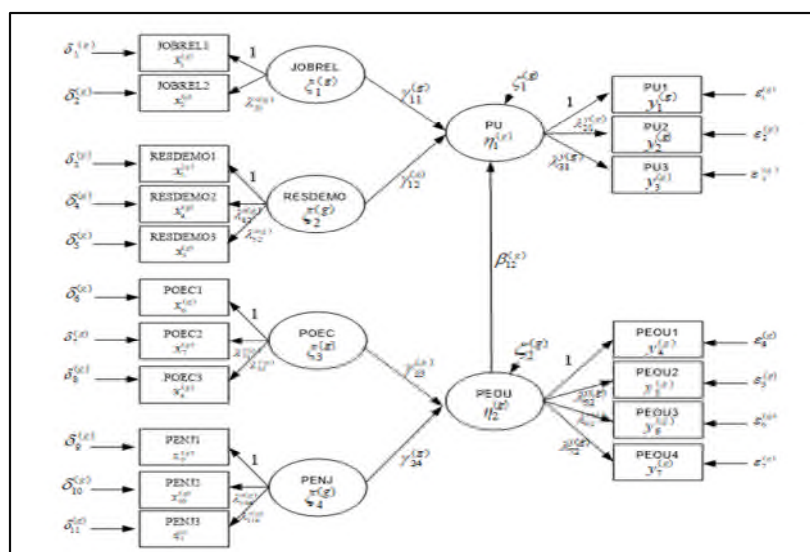


Fig 1. Model specifications with TAM

Construct of TAM e-learning system consists of Job Relevance, Result Demonstrability, Perception of External Control, Perceived Enjoyment, Perceived of Usefulness, and Perceived Ease of Use

The direction and the relationship between latent variables used in this study are as follows: 1. Job Relevance, Demonstrability Result, and Perceived Ease of Use have a positive relationship with Perceived of Usefulness; 2. Perception of External Control and Perceived Enjoyment have a positive relationship with Perceived Ease of Use.

Important Findings and Discussion

The data used in the analysis of this stage uses sample data which have been divided into two groups, namely the Staff group includes participants with Staff / Functional General / Structural positions with the KSK group namely participants from the District Statistical Coordinator (KSK).

The purpose of this study will be to see whether there are differences in parameters between the two groups of statistics training participants with e-learning systems. The KSK group parameters to be tested are parameters of the Staff group added new parameters, which were not previously in the model.

Table 1. New Parameter Estimated Value (Additional Parameters)

Parameter	Estimation	Standard Error	t-value	Conclusion (Ho)
ι_1	-0.20	0.21	-0.97	accepted
ι_2	0.61	0.29	2.13	rejected
ι_3	0.04	0.20	0.22	accepted
ι_4	0.01	0.19	0.04	accepted
ι_5	-0.44	0.20	-2.18	rejected

From table 1, using $\alpha = 0.05$ shows that the first parameter (ι_1) with a t-value of -0.97 ($|t| < 1.96$), means that H_{01} is accepted. This means that there is no difference in influence between Job Relevance on Perceived of Usefulness between the Staff group and KSK in accepting the use of the e-learning system. Similarly for parameters three and four.

For parameters ι_2 and ι_5 with t-value 2.13 and -2.18 or value of $|t| > 1.96$, so the null hypothesis ($H_{02}: \iota_2 = 0$ and $H_{05}: \iota_5 = 0$) is rejected.

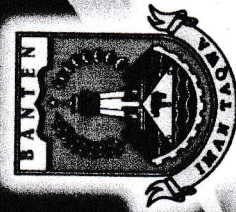
Conclusion

The reparameterization techniques can improve the efficiency of the procedure for testing differences in parameters in the user acceptance model of e-learning systems from two groups of statistics training participants. There is a difference in influence between Result Demonstrability on Perceived of Usefulness between the Staff group and KSK in accepting the use of the e-learning system. The KSK Group has a higher perception than the Staff group in communicating and comparing the results of system usage, which in turn can affect the acceptance that the e-learning system can improve performance in participating in training.

There is a difference in influence between the Perceived Ease of Use on the Perceived of Usefulness between the Staff and KSK group. The Staff Group has a higher perception that using this system will facilitate the learning process that is being carried out, so that it can improve the ability to participate in training.

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Speaker

For excellent presentation on the 1st International Seminar of Widyaaiswara entitled :
**Analysis of Difference in Acceptance of E-Learning System with
Technology Acceptance Model and Reparameterization Method**

which is held by Widyaaiswara Association of Banten Province in collaboration with the
BPSDMD of Banten Province, on the 25th to 28th of February 2019, at BPSDMD of Banten Province.

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