

# HETEROGENEITY IN TECHNOLOGY ADOPTION OF A NOVEL EARLY CHILDHOOD TEACHING PRACTICE



**BOT SYMPOSIUM 2017**

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**LearnEducation**  
Learning solution for all



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# SCHOOL INTEGRATION



# BLENDED LEARNING



# PEDAGOGY & CONTEXT





# Interesting research findings

- Early childhood development
- Technology adoption
- Tangible vs. Process technology



# Interesting empirical findings

- On site training
- Technology transfers
- Teachers Recognition
- Job security not a factor
- Teachers debt not a factor



# Comments on research

1. Points of discussion
2. Recommendations

# Point of discussion #1

## What is teachers motivation for technology adoption?

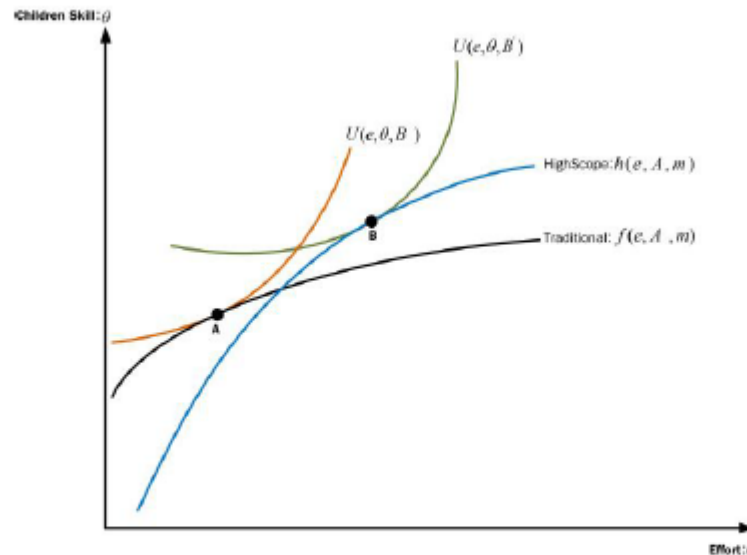


Figure 7: The teacher with the better attitude with  $B' \neq B$ , who has a flatter indifference curve, chooses the HighScope and exerts higher effort.

## Point of discussion #2

# Additional important stakeholders?

Interview data

Interviewees	Interview	
	Number	Duration (min)
SAO chief executives	9	236.83
SAO education officers	5	123.64
Local teachers	37	683.72
RIECE teachers	8	192.87
RIECE team members	2	65.64
Total	61	1302.7





# STAKEHOLDER



Ministry



Parents



SAO Chief executives



SAO Education officers

RIECE Teachers



Local Teachers

# Point of discussion #3

## Difference in classroom readiness?





## Point of discussion #4

# Teacher attitude towards career vs. technology?

Appendix B: Questions regarding teacher attitude toward being an early childhood teacher

1. I enjoy with my teaching.
2. I am confident that my teaching will make the student's life better.
3. If I could restart my life, I still going to be an early childhood teacher.
4. I chose to be an early childhood teacher because it is my dream since I was young.



# Comments on research

1. Points of discussion
2. Recommendations

# Recommendation #1

## Show success stories to stakeholder



# Recommendation #2

## Leaders attitude and adoption





# Recommendation #3

## PLC and monitoring platform



# Recommendation #4

## Area vs. Context

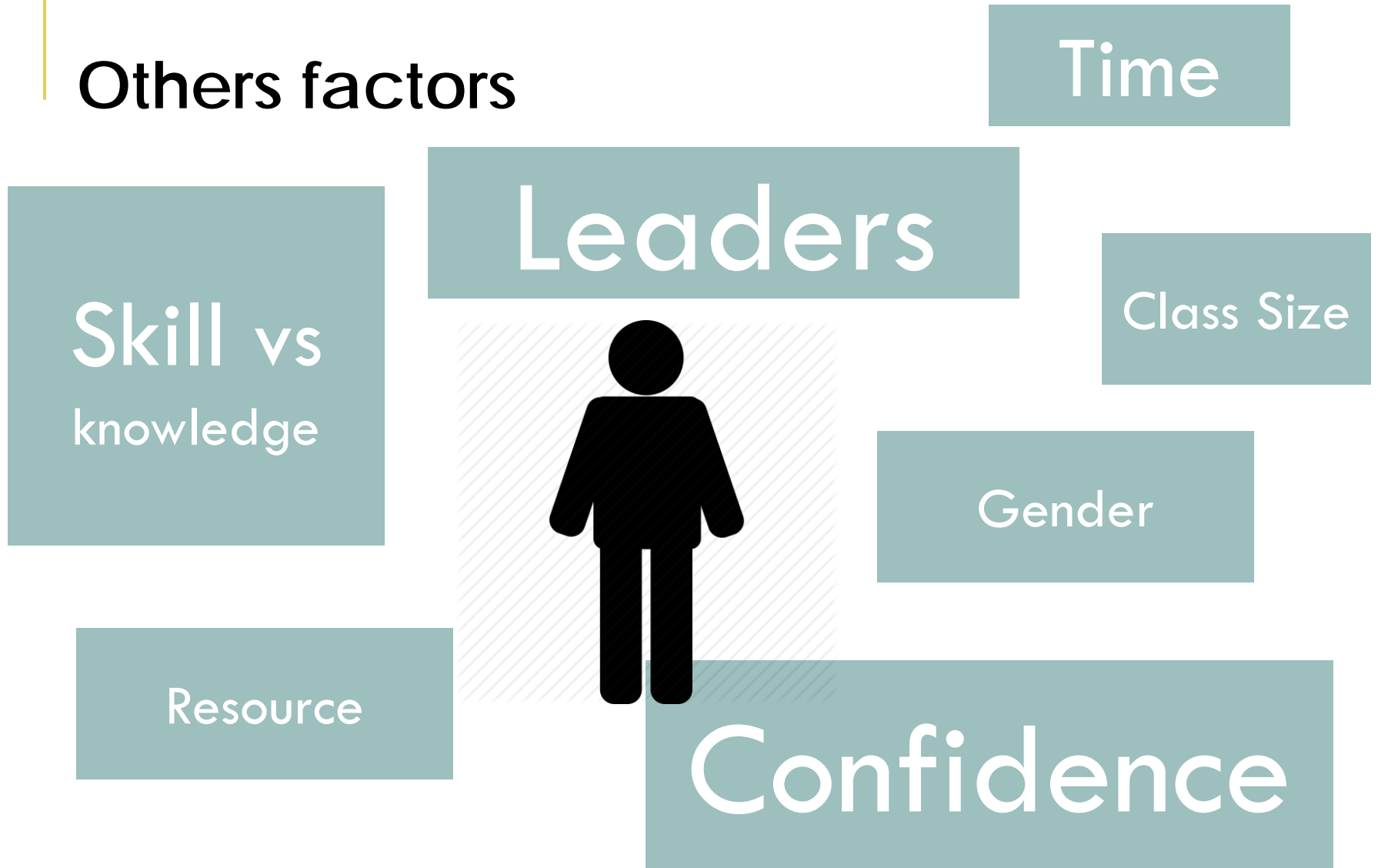






# Recommendation #5

Others factors





## HUMAN

STUDENT

Active-Learning &  
Critical Thinking

Teacher Training &  
Career Development

## TECH

Self-learning  
Process  
Data driven  
Decision-making  
Communication



Thank You