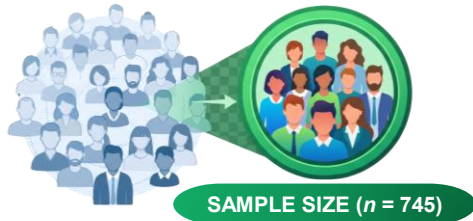


Needs Assessment for Developing a Personal Learning Environment Application Based on Self-Determined Learning and Learning Contract to Enhance Lifelong Learning Skills of Student Teachers

Objectives

1. To assess the needs for developing a personal learning environment application based on self-determined learning and learning contract to enhance lifelong learning skills of student teachers.
2. To examine the current and desired states of lifelong learning skills of student teachers.

Sample Size



745 student teachers selected through multi-stage sampling

Research Instrument



A questionnaire with a reliability coefficient of 0.98. The questionnaire included **3** sections:

1. Demographic information
2. Personal learning environment based on self-determined learning and learning contract
3. Lifelong learning skills requirements

Analytical Methods



- Descriptive statistics
- The modified priority needs index (PNI_{modified})

Findings Revealed

The highest-priority need in each domain:

Personal learning environment



Communication Tools

($PNI_{\text{modified}} = 0.32$)

Self-Determined Learning and Learning Contract



Goal setting & Self-Reflection

($PNI_{\text{modified}} = 0.33$)

Lifelong Learning Skills



Fundamental Skills for Learning

($PNI_{\text{modified}} = 0.33$)