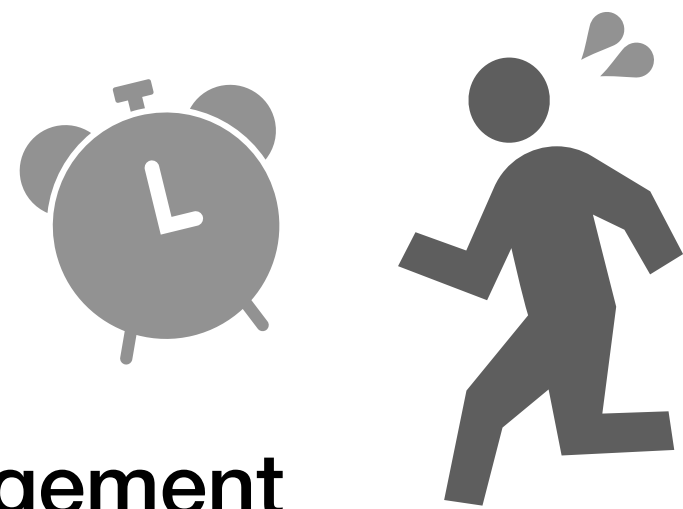


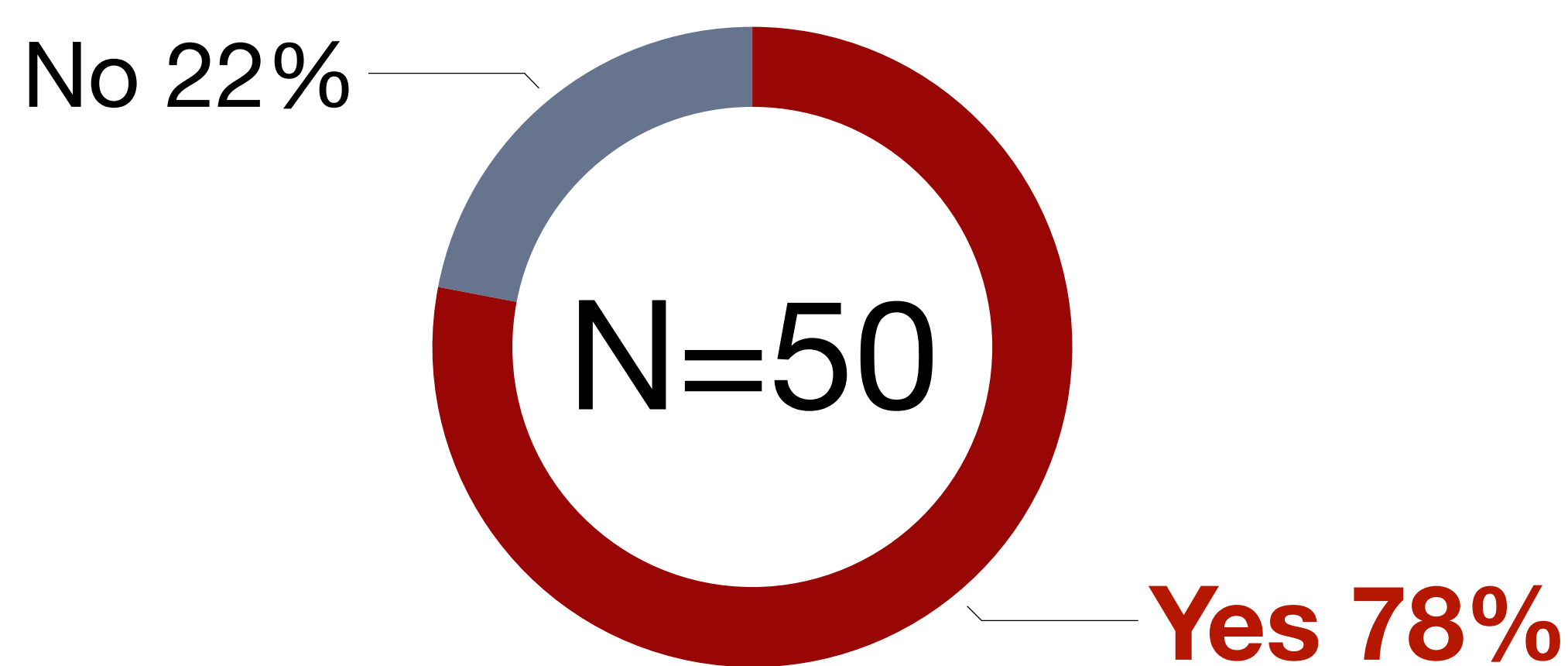
Time management needs expect time for task and buffer correctly. “ADLogger” is the system that expect how much time you may spend to the task and define the accurate buffer according to your time log data. The research will evaluate the accuracy of subjects’ time prediction, and comparing subjects’ behavior before and after using the system.

Background

- Some people have problems with time management
- Lack of time management cause problems



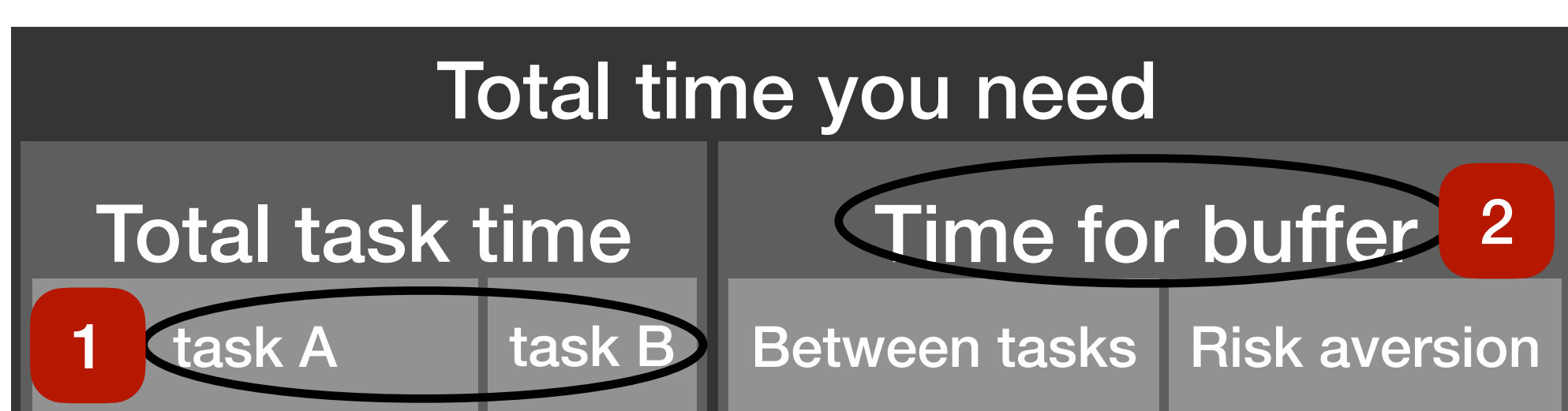
Being late due to
lack of time management



References: A study on female college students' tardiness
—How tardy students perceive their tardiness and the possible association
of these perceptions with personality and school adaptability—

Problem

- Time management needs 2 factors
 - Expect time for tasks correctly
 - Make time for buffer
- It is difficult to manage these factors correctly



Motivation

- Improving time management through visualization

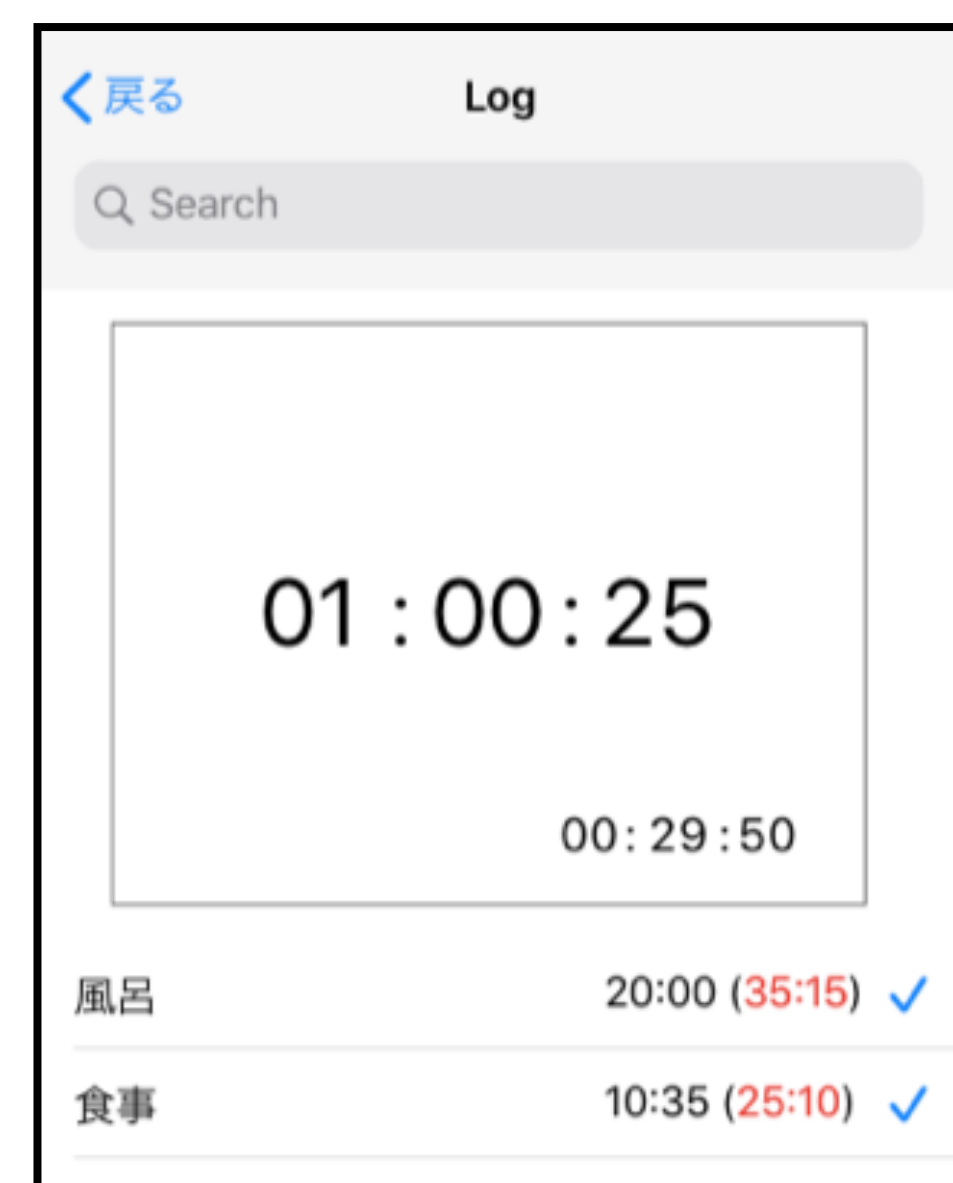
Approach

- Definition of margin time for buffer

$$\sum_{i=1}^n (x_i - y_i) + a$$

n = number of tasks x = extended time y = average time a = buffer

- Visualization using iOS app



Experiment & Evaluation

Experiment

- 10 subjects
- Measure time using the app
- Compare predicted time and measured time of tasks and buffer

Evaluation

- Classification using cluster analysis
- Compare how the subjects’ behavior changed because of using visualization
- Interview about the app