



LUNDS
UNIVERSITET

Better communication and learning in the classroom.

EFFECTS OF TEACHER IN-SERVICE TRAINING IN DIFFERENT ENVIRONMENTS
– REPORT FROM AN ONGOING STUDY

Funded by Marcus and Amalia
Wallenberg Foundation



Today's presentation

Quick overview of the project, so far



followed by

preliminary results
our experiences



Background



Purpose of the project

To explore:

Effects of a

teacher intervention program in

primary school teachers
their pupils

different sound environments

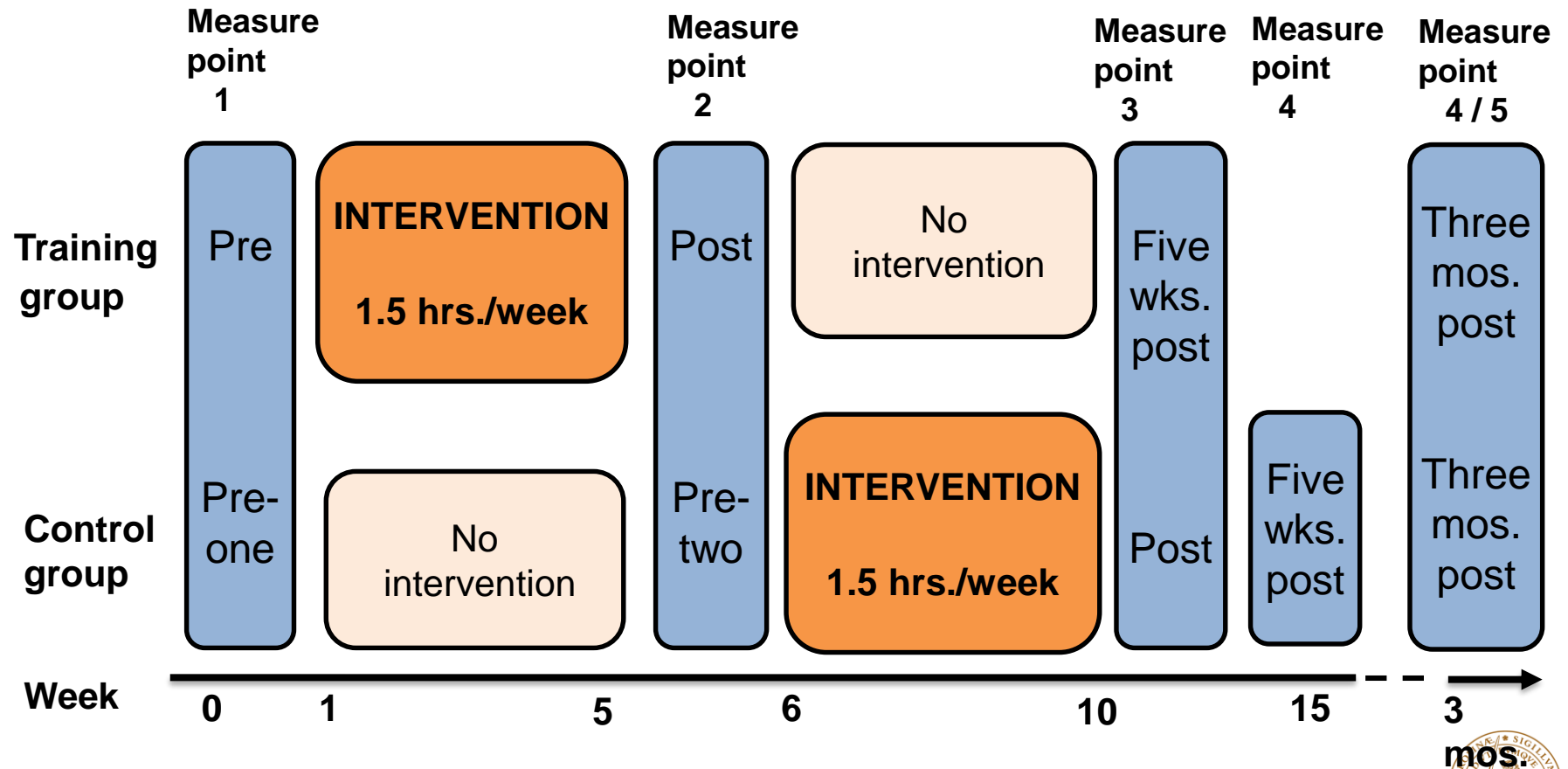


Sound environments

N=25 teachers



Cross-over design



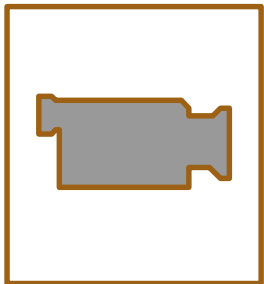
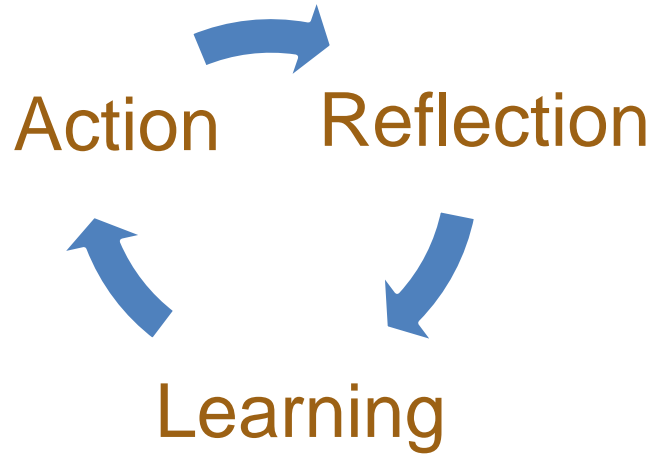
Intervention

Aimed to help teachers gain knowledge and practical training in:

- using healthy voice technique
- modifying voice use to the sound environment
- optimizing non-verbal communication
- improving language learning environments



Intervention, method



Assessments

Teachers

- Questionnaires at all measuring points:
 - vocal health
 - self-efficacy
 - burnout and coping
- Voice use and –behavior followed with:
 - long-time measurements
 - voice recordings



Pupils

- Questionnaire assessing judgements of well-being, self-efficacy, interaction with teachers and sound environment



Preliminary results

Teachers

After intervention

Increased awareness on:

- Room acoustics
- Voice use
- Communication



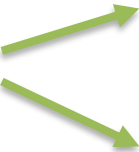
Preliminary results, Teachers cont...

Measurements showed:

- Low degree of reported voice problems at baseline.
Still, there was a decrease below baseline that was significant (3 mos.)
- Significant decrease in stress (3 mos.)



Our experiences, so far

- Make sure **information** 
 - reaches the right persons
 - has been understood!
- Plan ahead and communicate projects a year in advance before the project starts

“It was a good and fruitful course and I learned a lot, but I felt that I didn’t really have the time”



Thank you!



Suvi Karjalainen
suvi.karjalainen@med.lu.se



LUNDS
UNIVERSITET