

## Problem

- Lecturers often have difficulties finding appropriate teaching methods
- Lecturers hardly use any teaching method systematizations
- They are not able to cope with existing teaching method systematizations
- Lecturers are often novices in the field of teaching and support with didactical concepts

## What should a useful teaching method systematization provide?

- Easy and intuitive approach
- A didactical concept as background
- Integration of learning goals
- Possibility to find teaching methods for each teaching situation
- Opportunity to include already known methods into it

## Munich-Method-Box:

- Created by Sprachraum in the Centre of Higher Education at LMU Munich
- Structured into two dimensions: AVIVA-steps and five social forms
- Approved since 2008 at LMU and TUM

## Research Aim:

- Our main goal was to find out, if the workshops on didactic concepts within the Munich-Method-Box are useful in the form that they enhance teacher use of methods in courses.

PHASES AND AIMS		SOCIAL FORMS				
AVIVA	Subphases	Work by oneself	Partners/ Group work	Plenum interactive	Plenum participating among themselves	Plenum frontal
Learning atmosphere	Getting to know each other	Method X, Y	Method Z, (and so on)			
	Exchange of personal experience					
	Creating a group atmosphere					
	Relaxing					
Alignment	To introduce the topic to sensitize					
	To give orientational inform about agenda		Methods for more than 40 participants			
Reactivate already existing knowledge	Ask for previous knowledge					
	Revise topics					
Inform	Knowledge input					
	Generate knowledge					
Process Knowledge	Critical discussion of knowledge					
	Apply/realise knowledge					
	Stabilise knowledge					
	Test knowledge					
Analysis	Reflect process of learning					
	Ask for feedback					
	Verifying					
	Conclusion					

Munich-Method-Box array with the two dimensions: AVIVA and social forms

## Survey Questions:

1. What do teachers remember about the Munich-Method-Box after participating in learning workshops?
2. Do teachers find the structure easy to use?
3. How often do lecturers use the Munich-Method-Box?
4. Was there an attitude shift regarding teaching methods?
5. Would the teachers recommend the Munich-Method-Box?

## Survey on the Munich-Method-Box

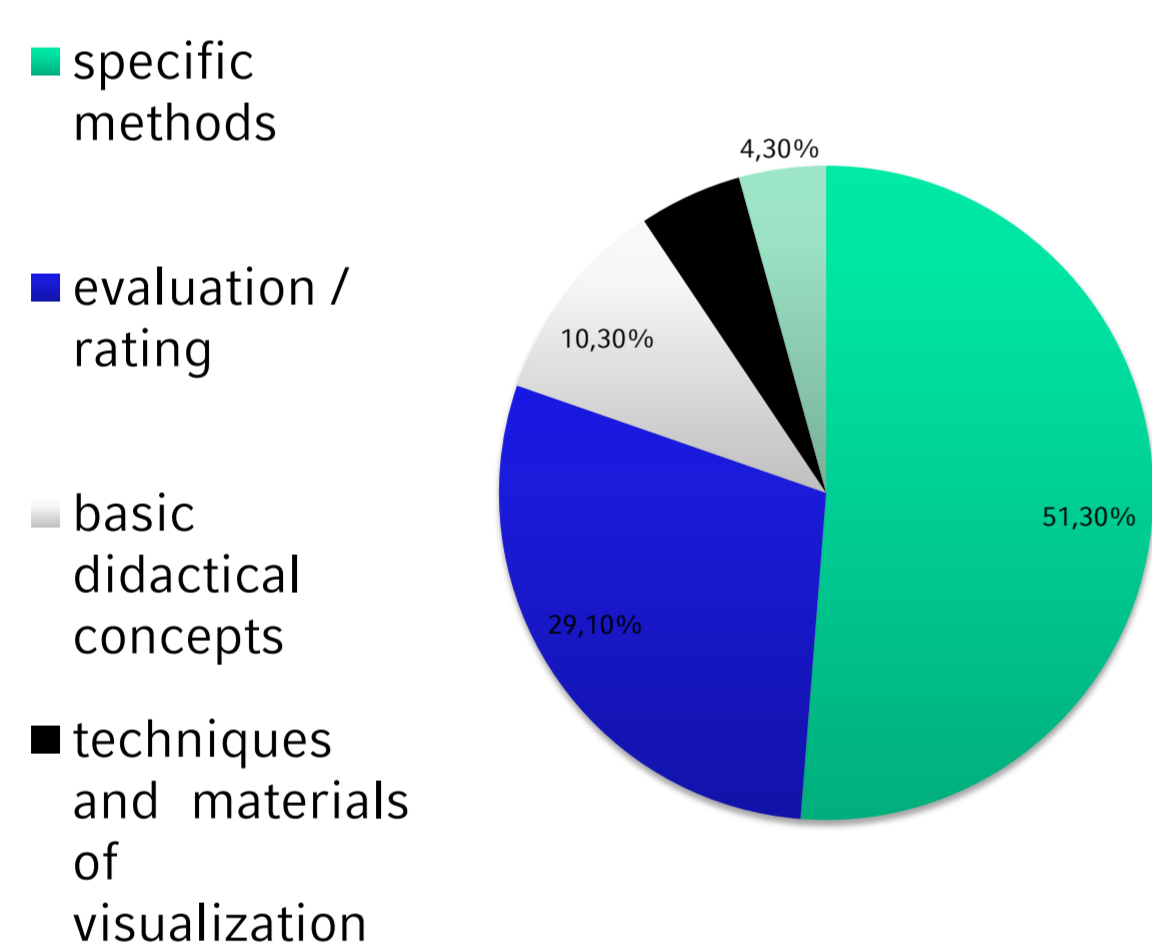
- Online survey from March to May 2013
- Sample: 32 university lecturers who have all participated in learning workshops on didactic concepts within the Munich-Method-Box
  - workshop-participation from 2011 to 2013
  - average age 35 years
  - average of teaching experience: 4 years



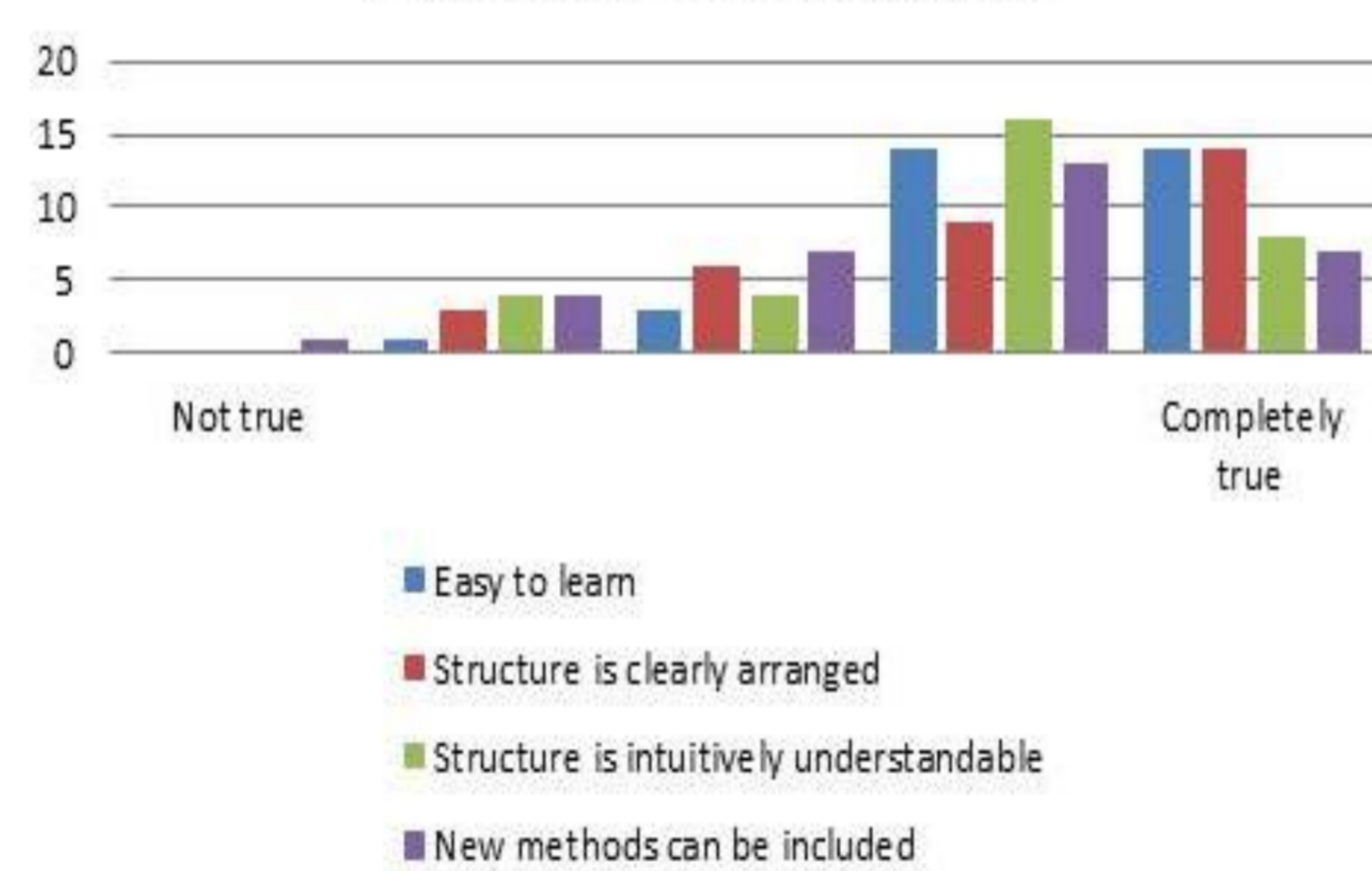
## Results

- Structure is easy to use (88%) and intuitively comprehensible (75%).
- 90% use the Munich-Method-Box regularly.
- 81% think about teaching methods more often since they know the Munich-Method-Box.
- 28 of 32 participants would recommend or rather recommend the Munich-Method-Box to other colleagues.

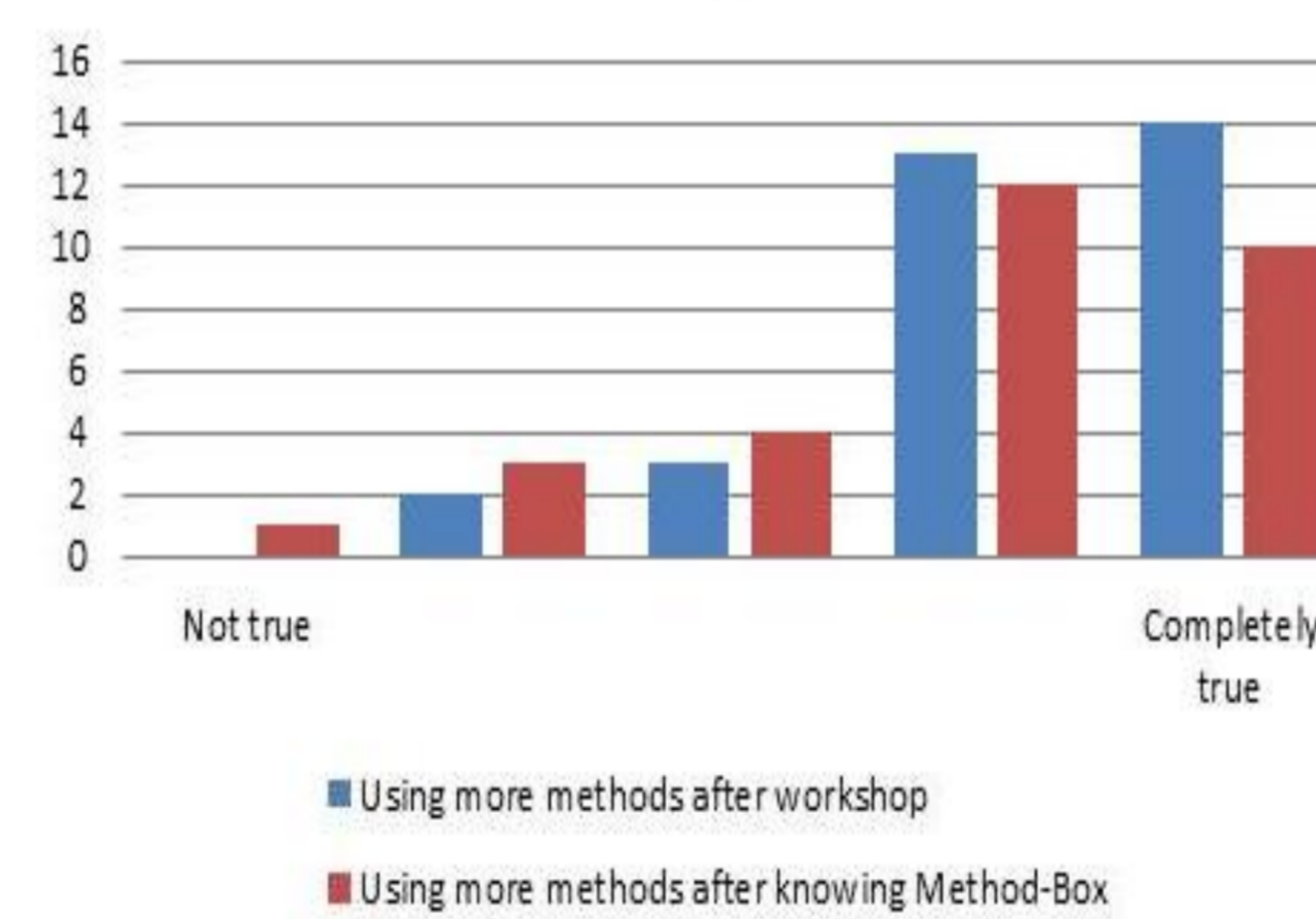
## What do teachers remember about the Munich-Method-Box?



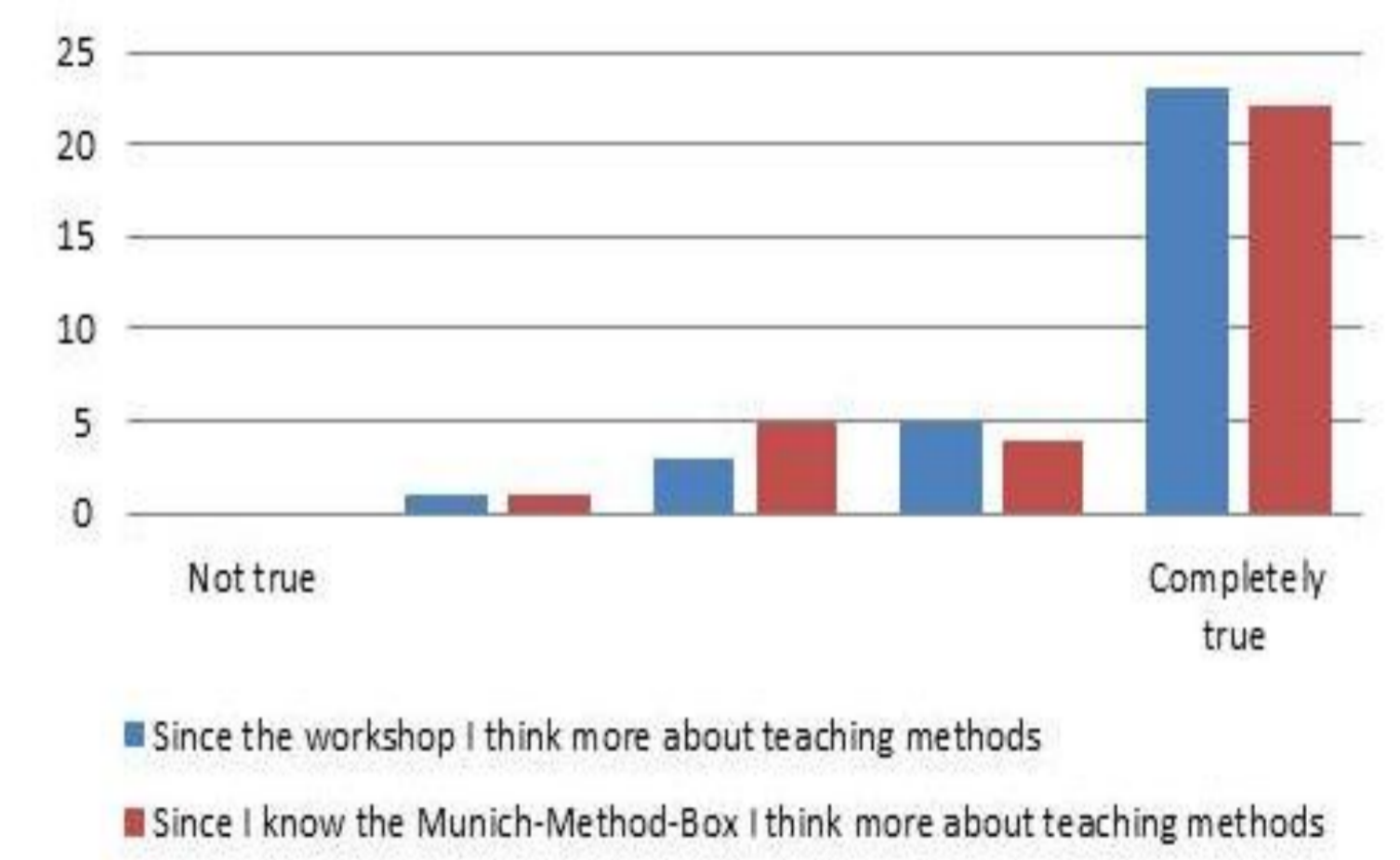
## Evaluation of Structure



## Estimated Usage of Methods



## Estimated Attitude towards Methods



## Discussion

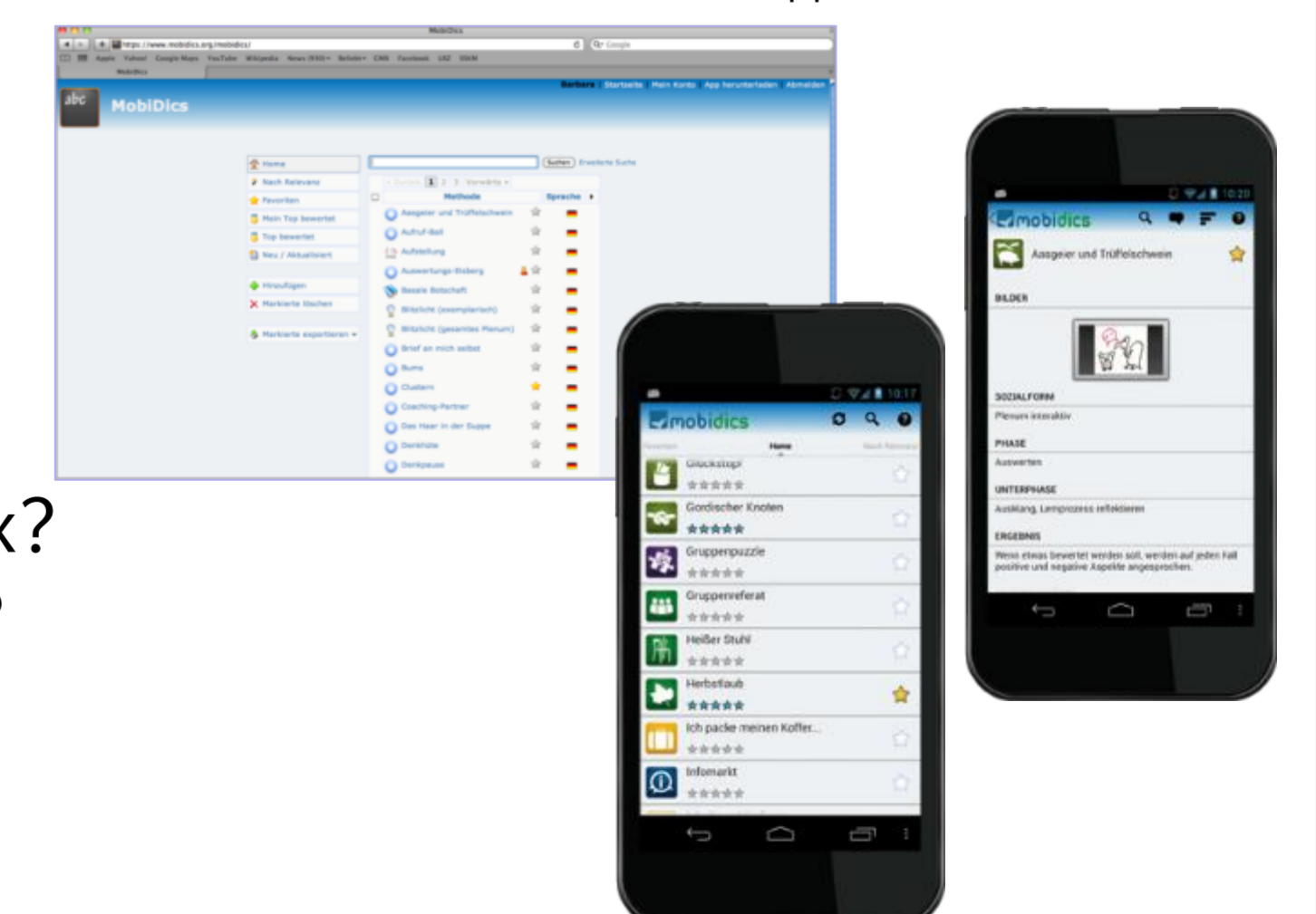


- We could confirm that teachers have a good recollection of the Munich-Method-Box, some even up to two years after participating in the learning workshop. A very widespread number of components is memorized, from specific methods up to structure-details.
- The Munich-Method-Box is very popular. Teachers rate the Method-Box as easy to understand and easy to apply. This reduces concerns about using methods which leads to a more frequent use of methods in their seminars.
- In general, we could confirm that there was an attitude shift in the sense that teachers think more about using methods.
- Almost all participants would recommend the Munich-Method-Box to other colleagues.

## Conclusions and Future Steps

- We can conclude that the Munich-Method-Box is very successful. The approach is intuitive, the systematization very practical-oriented, so teachers apply methods more frequently in their courses.
- Future research questions:
  - How does the use of methods influence the attitude of teachers and students regarding teaching methods?
  - How do students evaluate the use of teaching methods knowing they are based on the Munich-Method-Box?
  - How does using methods influence the learning outcome when the teacher uses the Munich-Method-Box?
- The Munich-Method-Box is available as a Website or an App called „MobiDics“ (Mobile Didactics). MobiDics contains further information such as pictures, tips from experts or advice on modifying methods. A long term survey is currently being conducted.
- The teaching of methods through video case work is currently being established with the focus on methods for large groups (lectures).

Munich-Method-Box on Website or App called „MobiDics“



## References