



Co-funded by the  
Erasmus+ Programme  
of the European Union



## Digital Solutions for Trainers and Educators (DIGISOL)

ERASMUS PLUS PROJECT: 2019-1-LV01-KA202-060434

# Trainers' Self-assessment Questionnaire and Training Participants' Assessment Questionnaire on Adult Educator's ICT Competences

Analysis and presentation of the results  
of the survey in Germany

Prepared by  
Institute of technology-oriented women's education  
(ItF eV)  
September 2020



TARTU  
KUTSEHARIDUSKESKUS

## Trainers' Assessment Questionnaire

Information and communication technologies (ICT) are diverse set of technological tools and resources used to organize and deliver lectures as well as to communicate and share materials with students and get feedback from them. These technological tools and resources include computers, the Internet (websites, databases, emails), live or recorded broadcasting technologies (webinars, podcasts) and different web-based data visualization platforms (presentations, infographics).

In order to get a broad overview of the current state of knowledge of trainers and adult educators in Germany (Hessen/Region Kassel), the feedback of more than 100 persons was collected in an online survey and will be used in the further course of the project to develop tailor-made training offers.

In the first part of the questionnaire, questions were asked on the relevant main topics of the course to be developed: "Webinars and Other Communication Tools" & "Files and Document Sharing Tools"

The first part could show whether teachers use ICT in their teaching, how often and for what purpose. There are also questions about why ICT is or not being used. This would allow us to justify the high interest in these tools that teachers want to use but don't because of the lack of relevant knowledge, information and availability.

The 2. table then allows us to identify in advance the tools that we will include or plan to include in the training course developed within the project.

The next section is about issues related to Cyber Security, the third course topic. These questions could be put together so that most people know that they know there are security risks, but there is no tech safe to distinguish them, so information about risks, prevention, etc. is needed.

### Survey result – Trainer Germany

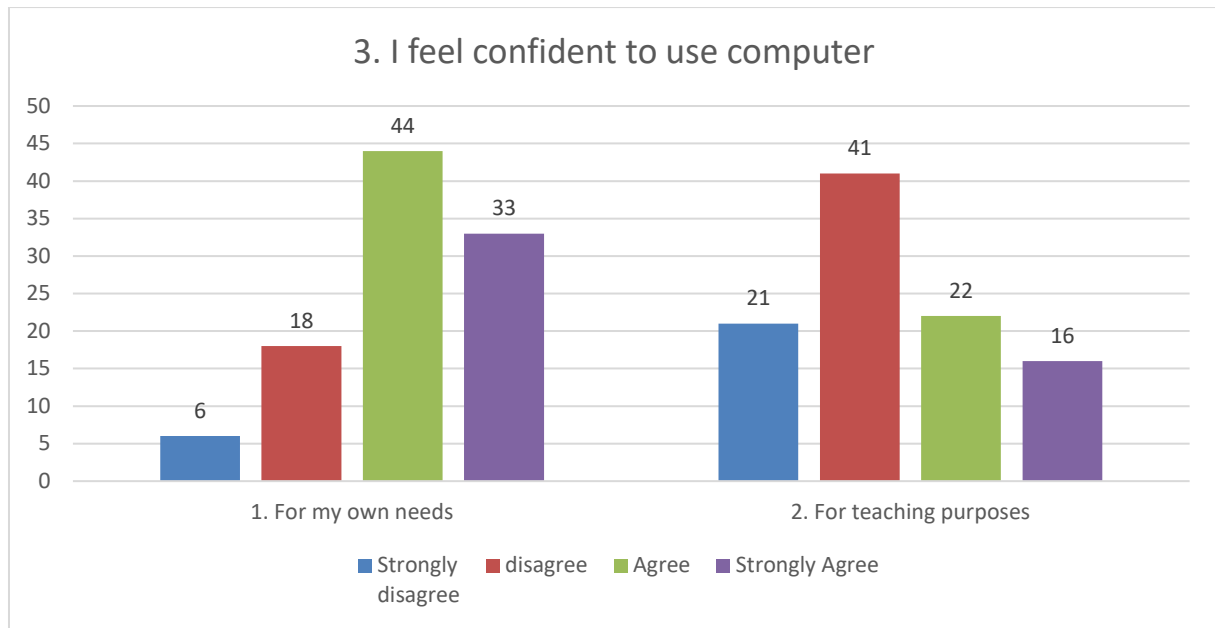
Age: most of the trainers participating on the survey are between 42 and 44 years old. The trainers are on average 43 years old.

Experience as a trainer in years: most of the trainer have 3 up to 5 years experience as a trainer. In the survey the trainer have on average 9 years experience.

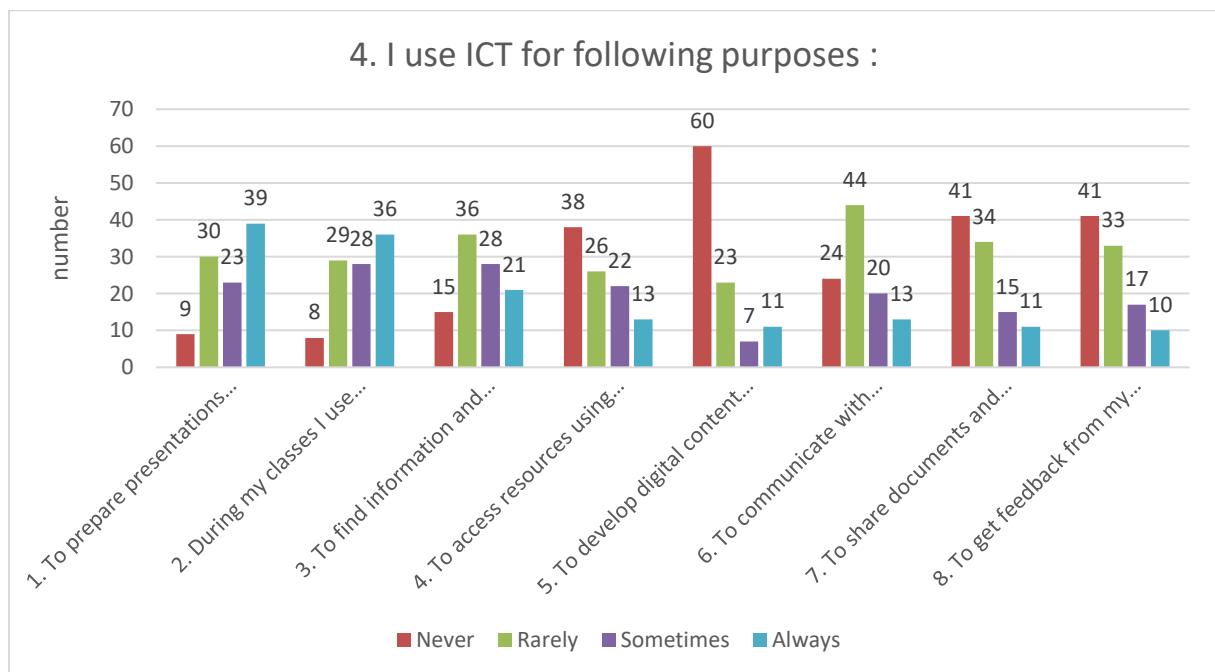


TARTU  
KUTSEHARIDUSKESKUS

The survey results show that the trainer feel confident to use computer for their own needs but not for teaching purposes.

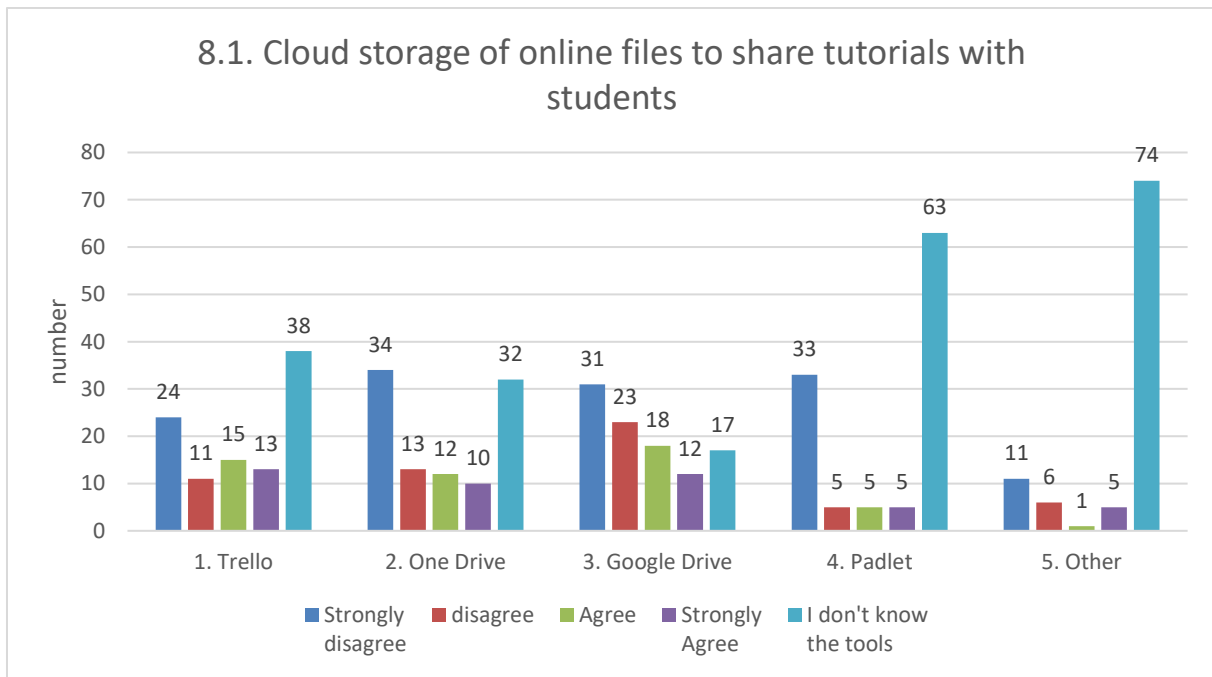


- Mostly ICT is used to prepare presentations and materials but not to develop digital content for learners use or to share documents and files

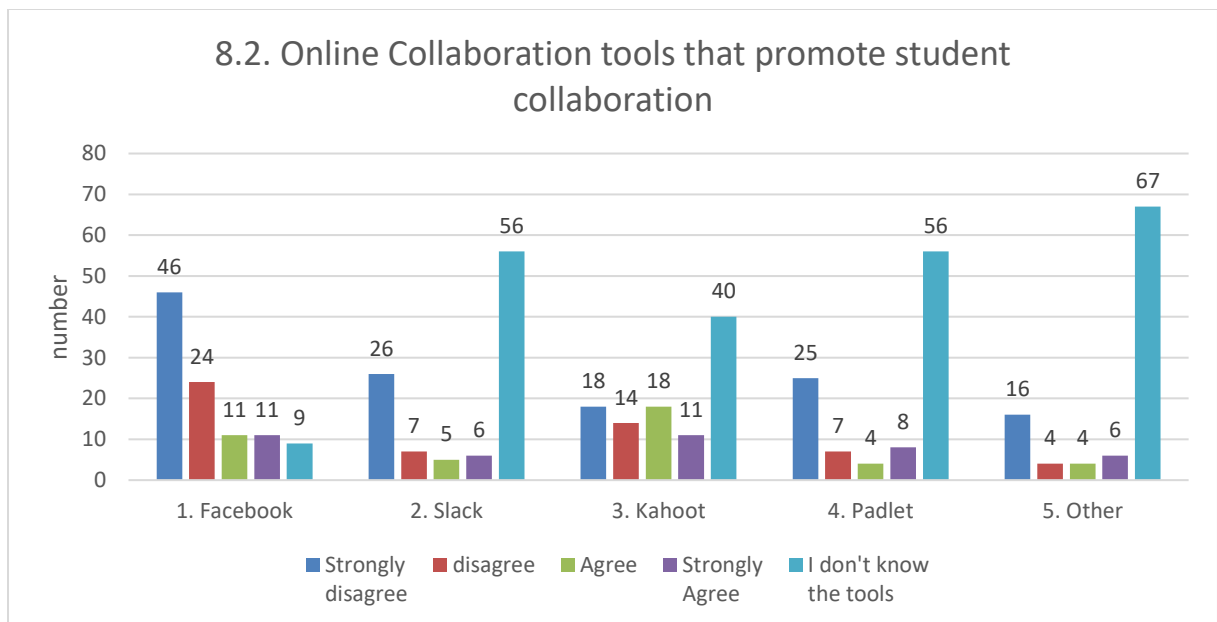


TARTU KUTSEHARIDUSKESKUS

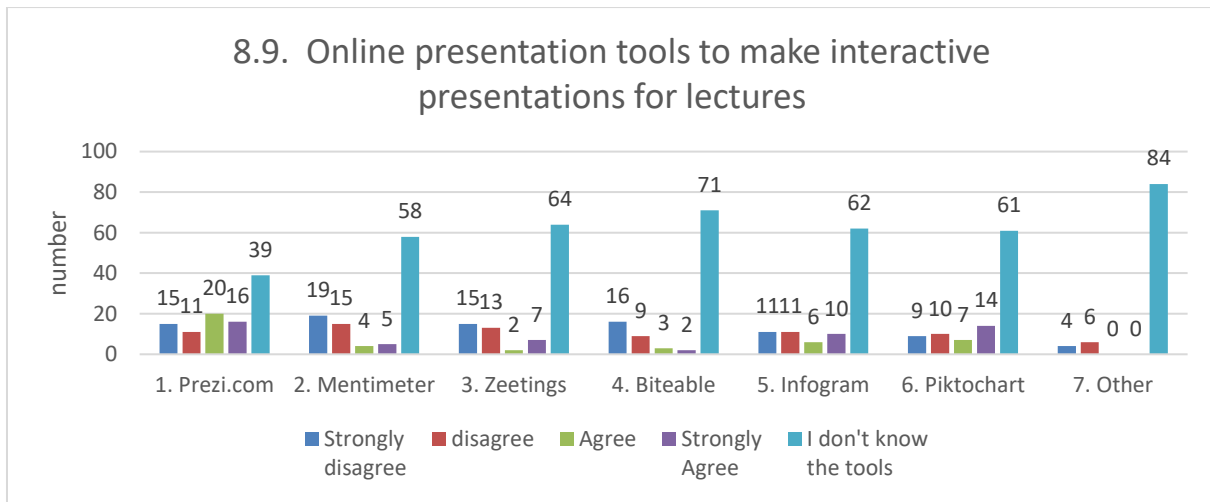
- Most of the cloud-based tools like Trello or Padlet (for sharing files) are not known by the trainers



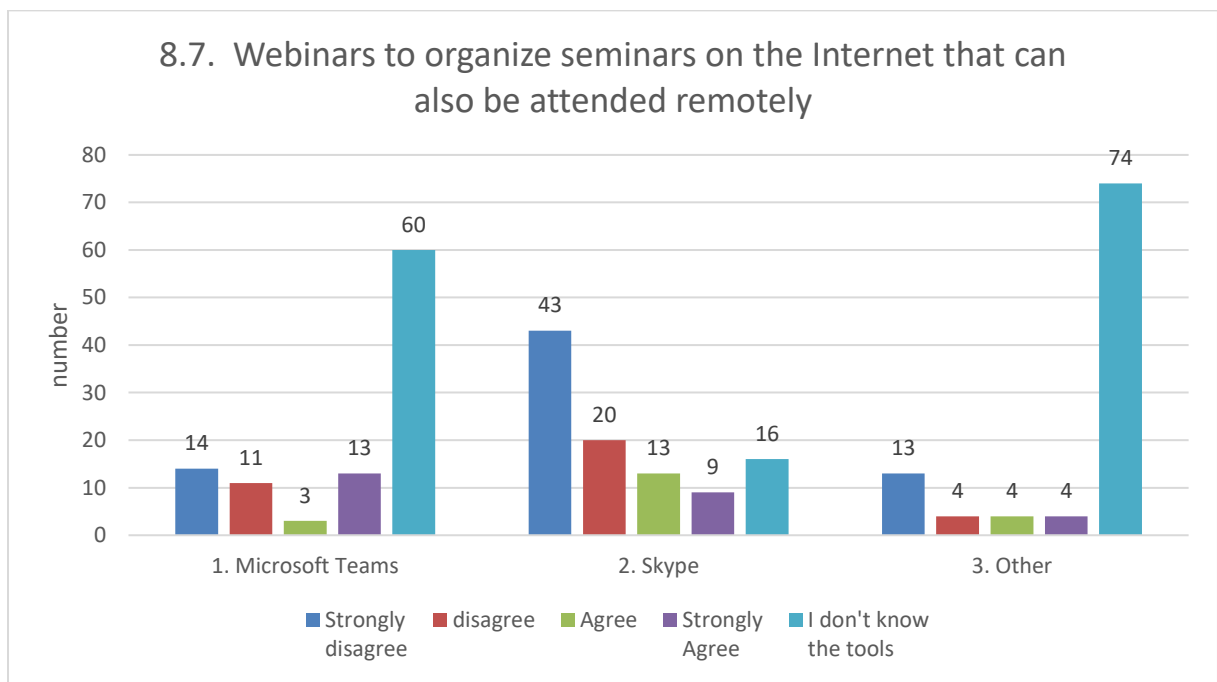
- Online collaboration tools are either unknown (e.g. Slack and Kahoot) or not used (Facebook)



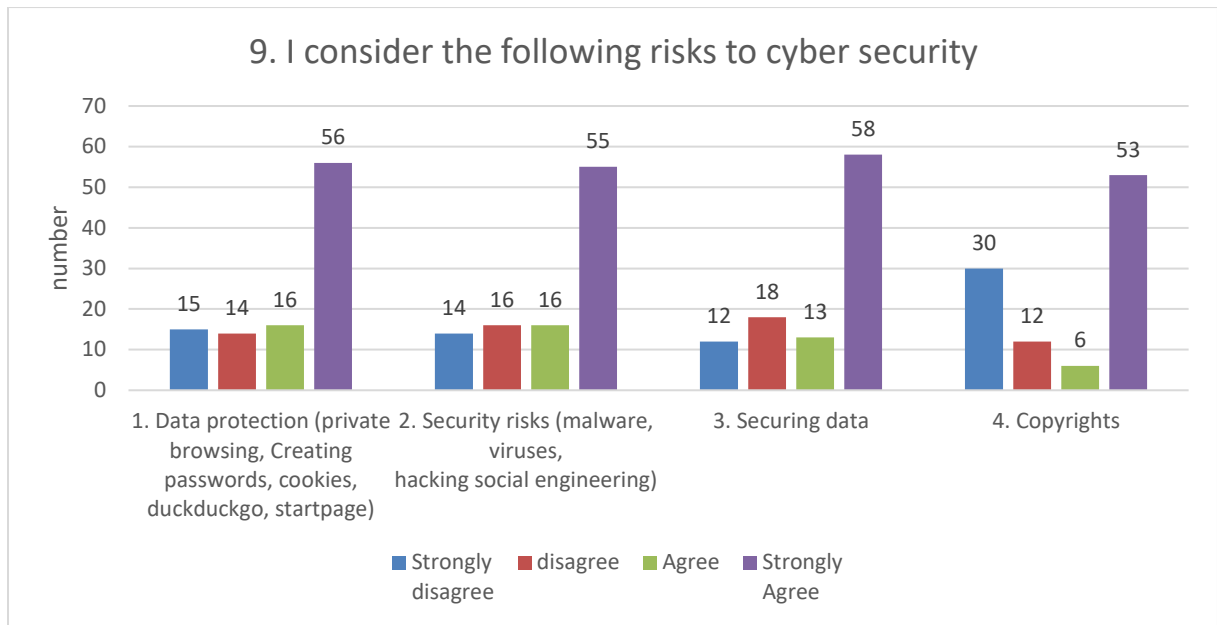
- Also most of the online presentation tools are unknown (Biteable, Mentimeter, Zeetings and Prezi)



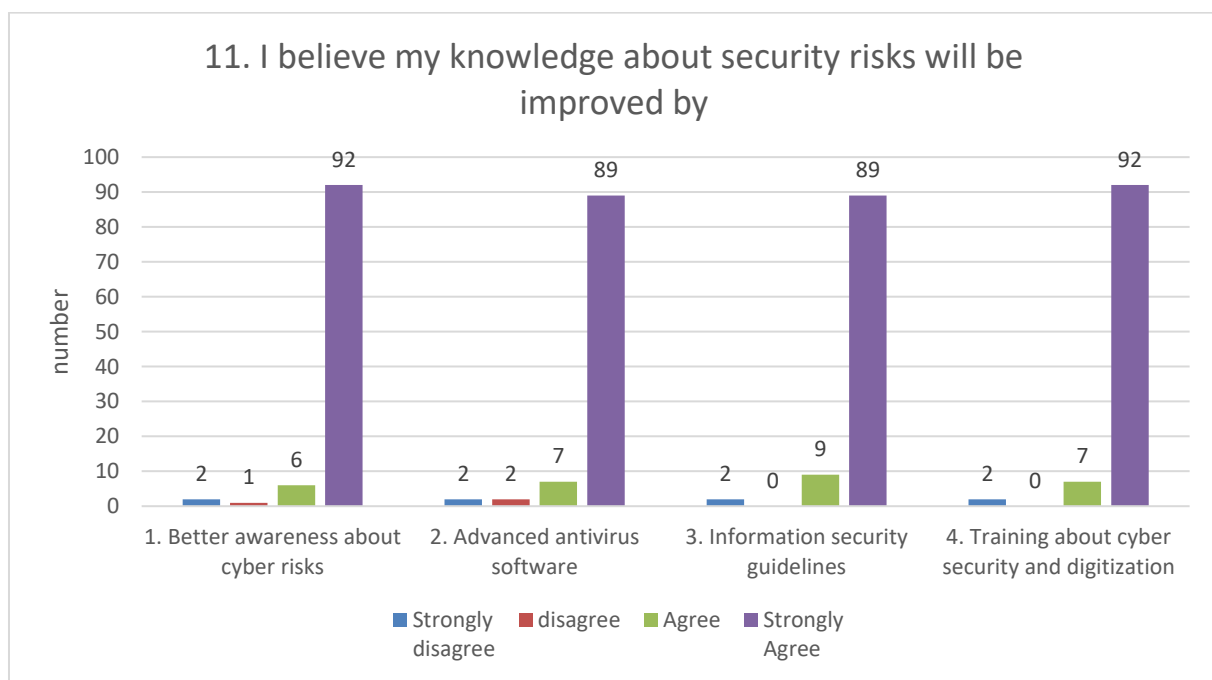
- Tools like Skype which are a great tool for webinars, are not used in lectures; MS Teams is unknown



- More than half of the trainers consider Copyrights and Data protection and raise their students awareness about it



➔ Still almost 90 percent of the trainers believe that their knowlegde about security risks will be improved by security guidelines and training about cyber security and digitalization



**Schlussfolgerung:**



TARTU  
KUTSEHARIDUSKESKUS

## Conclusion:

Almost no ICT tools in the different areas (File Sharing/Storage, Online collaboration, Communication tools, Webinar) are known or used in lectures by trainers at the moment.

One reason for not using the digital tools is that trainers are afraid of embarrassment because students are superior to them in using computer programs. But it is also due to the often poor IT equipment in German schools, which prevents creative work with digital tools (no WLAN, no hardware, no further training in IT).

The results also show the great interest of the trainers in further training in this area, especially in data security and data protection.



TARTU  
KUTSEHARIDUSKESKUS

## Learners' Assessment Questionnaire

Information and communication technologies (ICT) are diverse set of technological tools and resources used to organize and deliver lectures as well as to communicate and share materials with students and get feedback from them. These technological tools and resources include computers, the Internet (websites, databases, emails), live or recorded broadcasting technologies (webinars, podcasts) and different web-based data visualization platforms (presentations, infographics).

In order to get a broad overview of the current state of knowledge of adult learners in Germany (Hessen/Region Kassel), the feedback of more than 100 persons who had participated in an online course was collected in a survey and will be used in the further course of the project to match trainers and learners needs to develop tailor-made training offers.

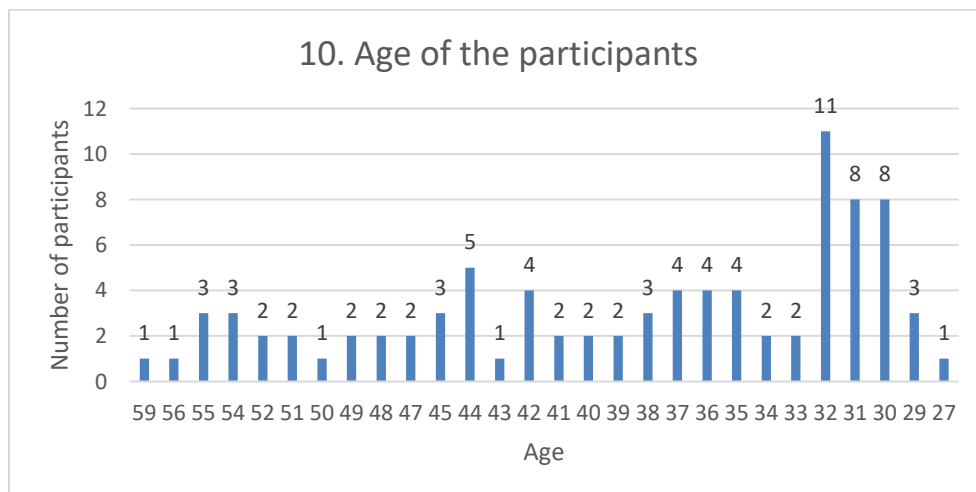
In the first part of the questionnaire, questions were asked on the use of ICT for learning purposes and how confident the participants feel to use several tools/programs. Also we asked about which tools the already know and which trainers had used in their lecturers. At least we asked about the

Finally, we asked about the willingness to learn online or on site and whether learners are willing and open to participate in online courses and what for them is the biggest advantage and challenge of learning online.

### Survey result – Participants

Number of people attended an adult learning or VET course: 92% (92 of 100).

Age: most of the participants are between 30 and 32 years old. The participants are on average 39 years old.



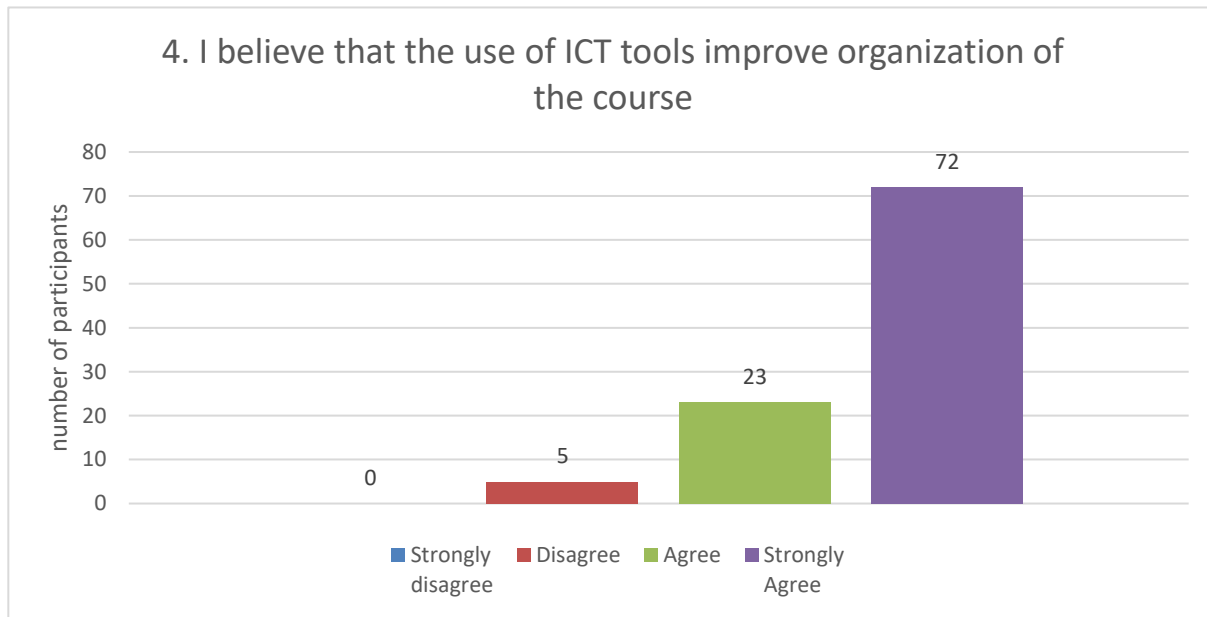
Latvian School of  
Public Administration



TARTU  
KUTSEHARIDUSKESKUS

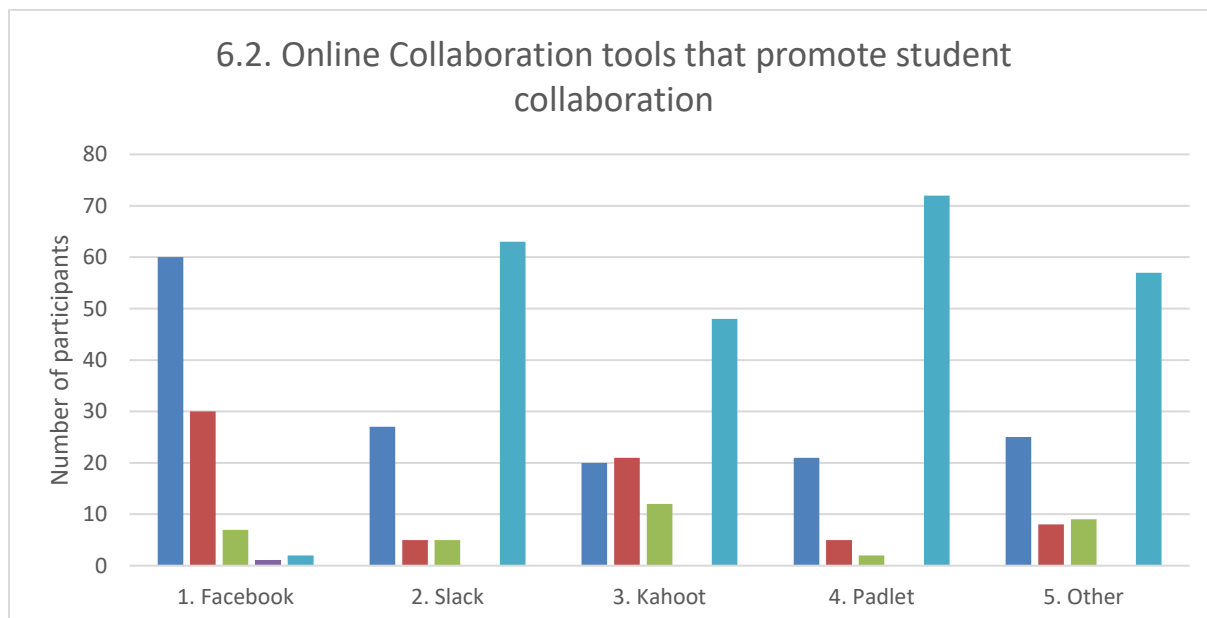


Survey results show that the participants pay especially attention on organization of the course and the use of digital tools:



72% of the participants believe that the use of ICT tools improve the organization of the course, which shows the importance of it. ICT is used in purpose of showing presentations during lectures and to offer digital content for learners use.

**Apps recommended:**

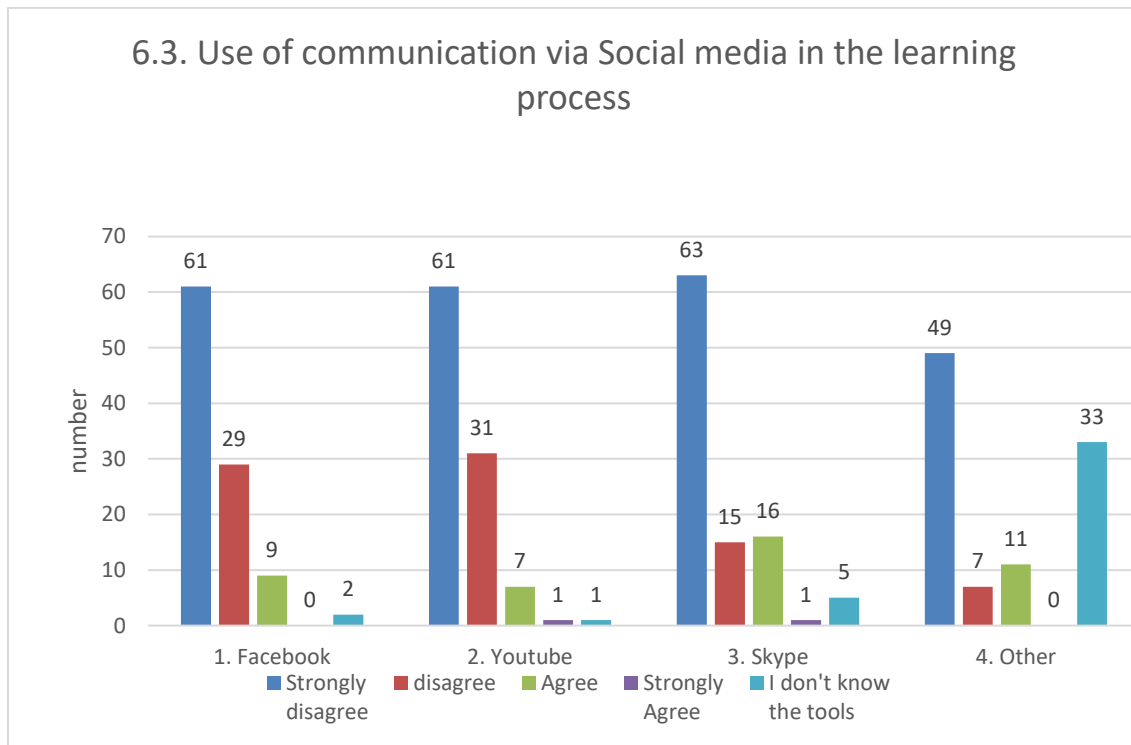


Latvian School of Public Administration

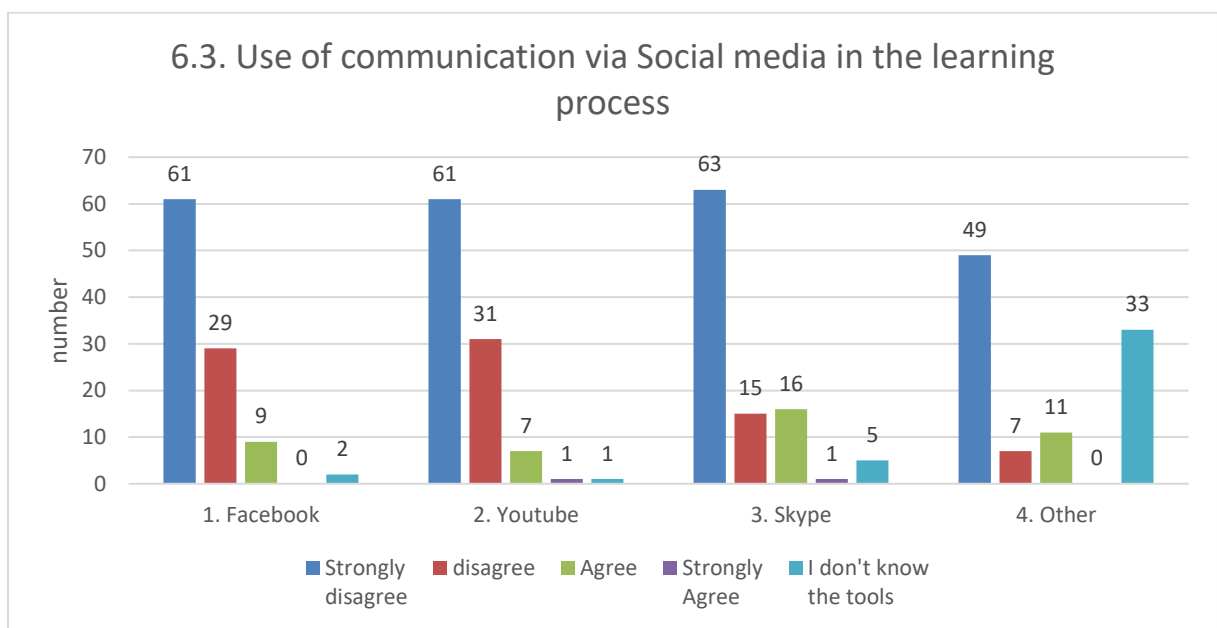


TARTU KUTSEHARIDUSKESKUS

6. In my experience, trainers use these ICT tools for teaching purposes



➔ Slack, Kahoot and Padlet are unknown tools



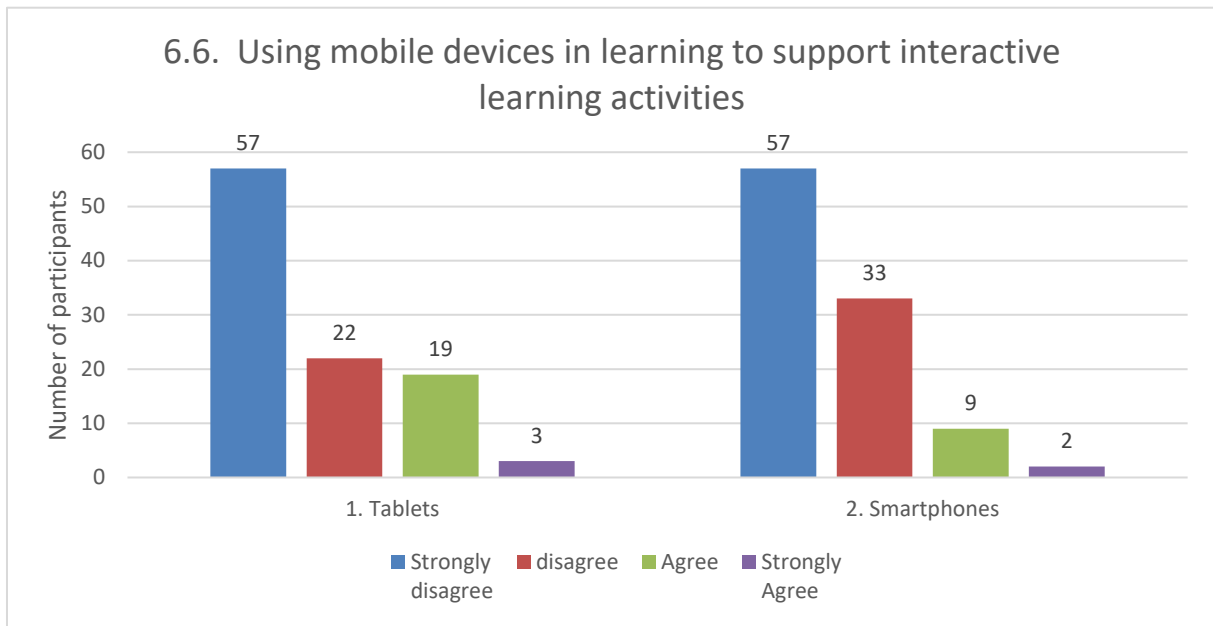
➔ Popular tools such as Facebook, Youtube and Skype are not in use for teaching purposes



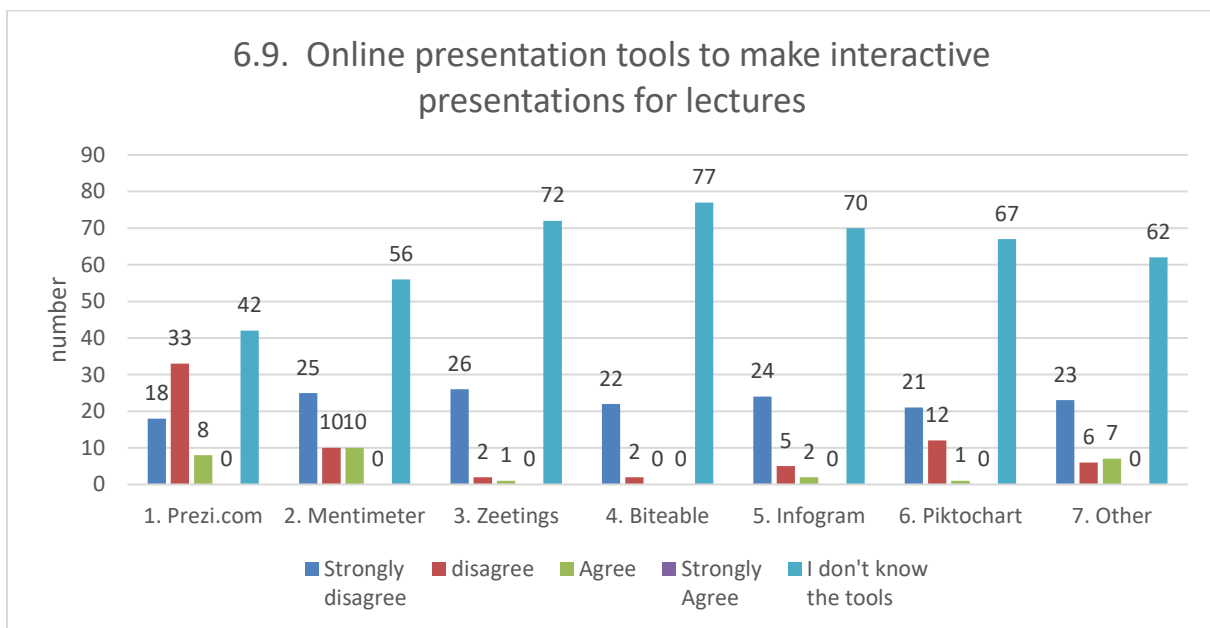
Latvian School of Public Administration



TARTU KUTSEHARIDUSKESKUS



➔ Tablets and smartphones are not being used for interactive learning.



➔ Most online presentations tools are unknown or not used for lectures

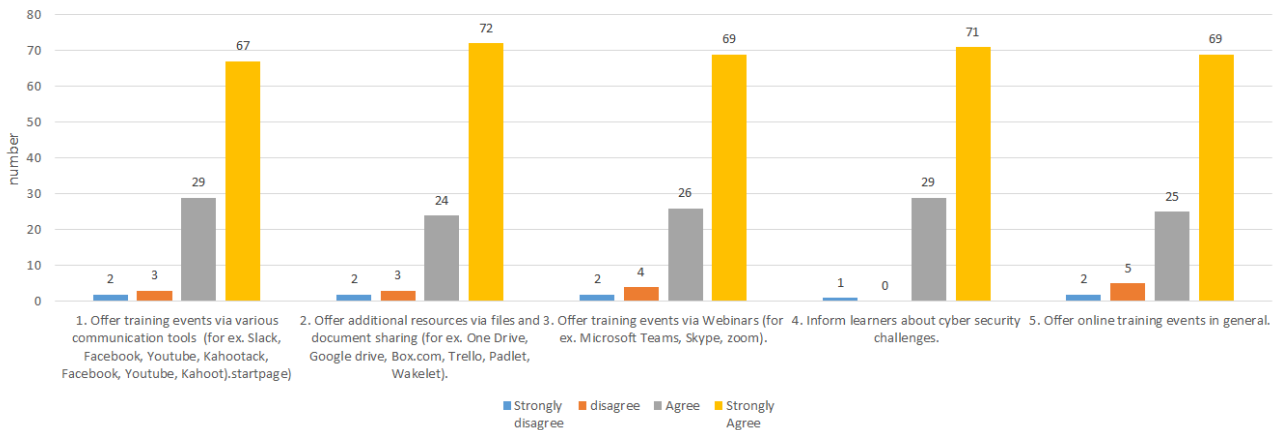


Latvian School of Public Administration



TARTU KUTSEHARIDUSKESKUS

7. VET and adult education institutions should



- ➔ 67% of the participants are in favor that institutions should offer training using communication tools like Facebook, Youtube, Kahoot or Slack
- ➔ 72% of the participants can make use of additional resources via files and document sharing like One Drive, Trello or Padlet
- ➔ 69% of the participants are in favor with training events via Webinars, e.g. Microsoft Teams, Skype or Zoom
- ➔ participants would like to be informed especially about cyber security (71%)

About 70% believe that using ICT in the learning process will improve their ICT skills and will lead to more effective communication and information.