



EFOS

European Federation of Older Students in Universities
Europäische Vereinigung älterer Studierender an den Universitäten
Fédération Européenne des Etudiants Âgés aux Universités



UPUA -ALICANTE

NEW METHODS IN ICT LEARNING

CREATED WITHIN SELID AND PANDEMIC TIME



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



Universitat d'Alacant
Universidad de Alicante

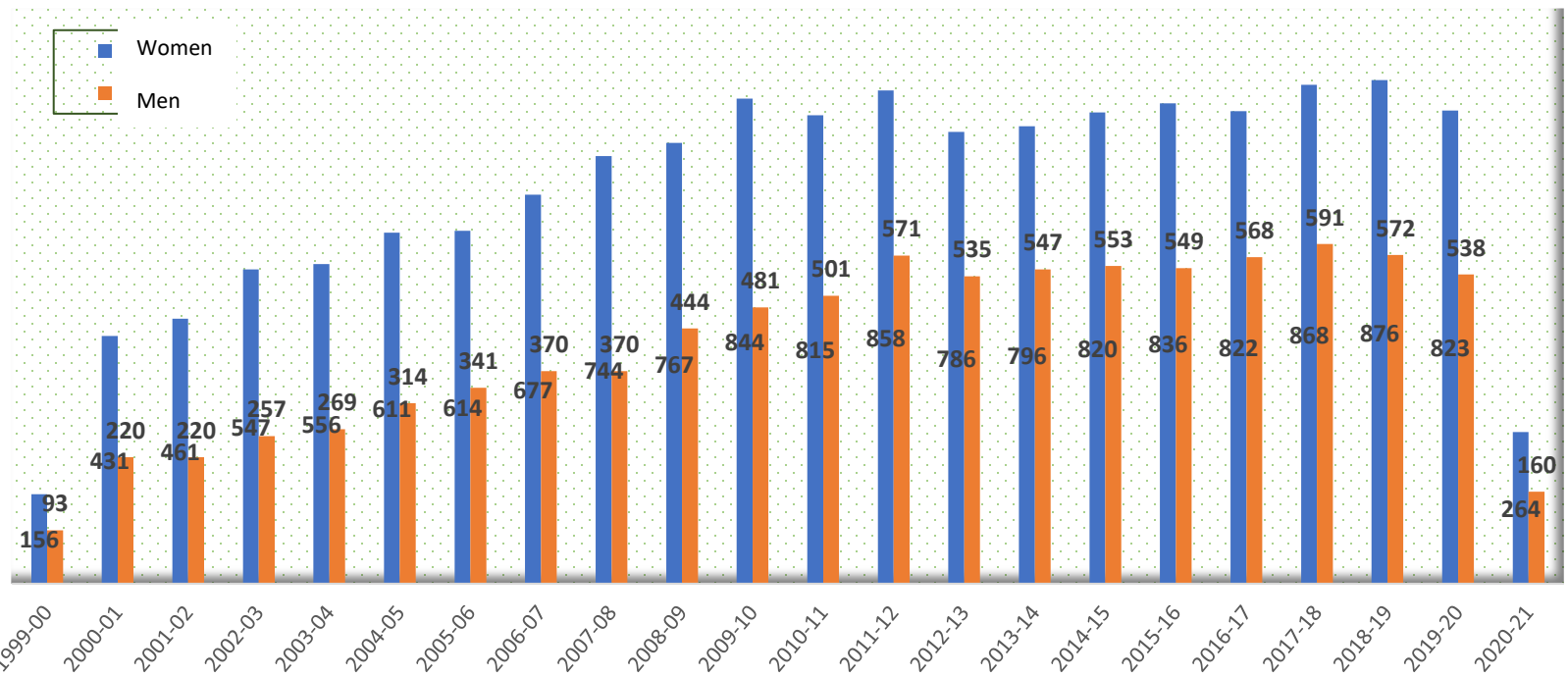
Universidad
permanente





2020-21
ACADEMIC YEAR

Historic Development of Enrollment at UPUA



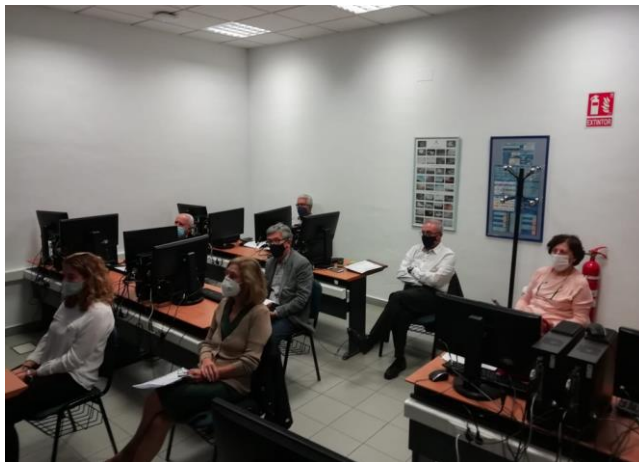
UPUA Year 2020-21

432 students at Diploma Senior

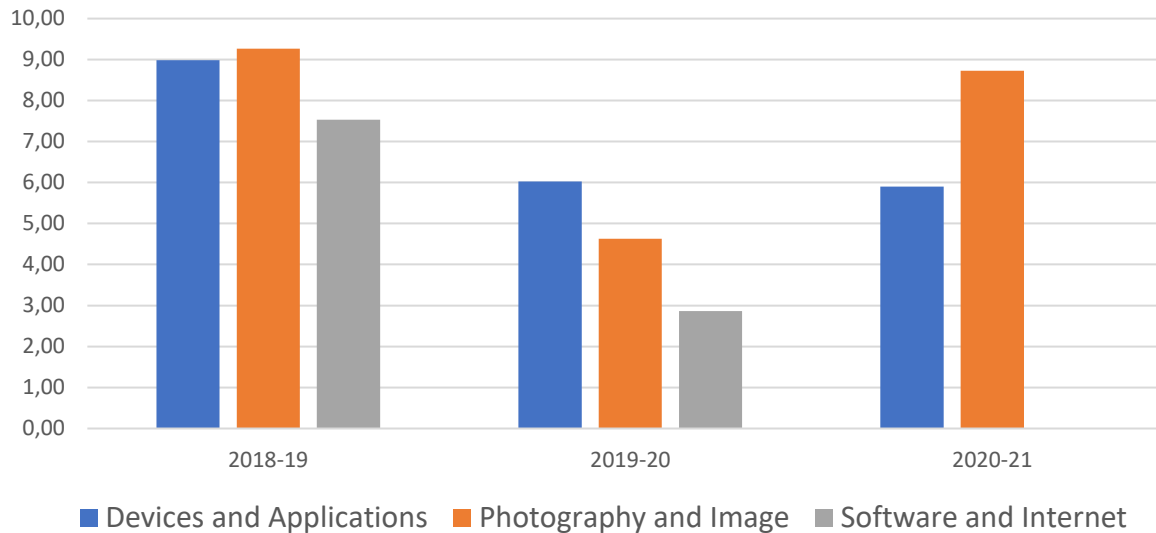
- Face-to-face San Vicente **154**
- Face-to-face Alicante **113**
- Online **182**

45 teachers and 32 subjects

**NEVER
IS TOO
LATE
to LEARN**



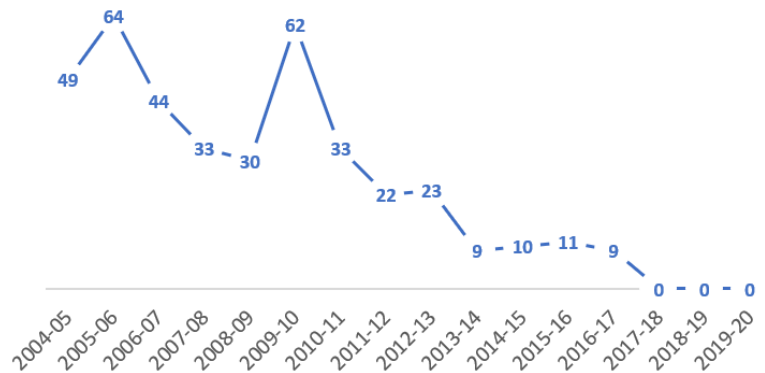
Enrollment in ICT subjects



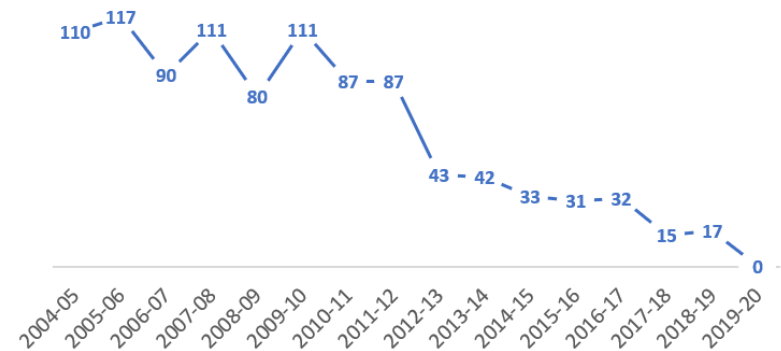
**A steady decline
in interest from
2010 onwards**

**The offer does not
correspond with
the interests and
needs of the
students**

OFFICE I: INTRODUCCION TO WORD



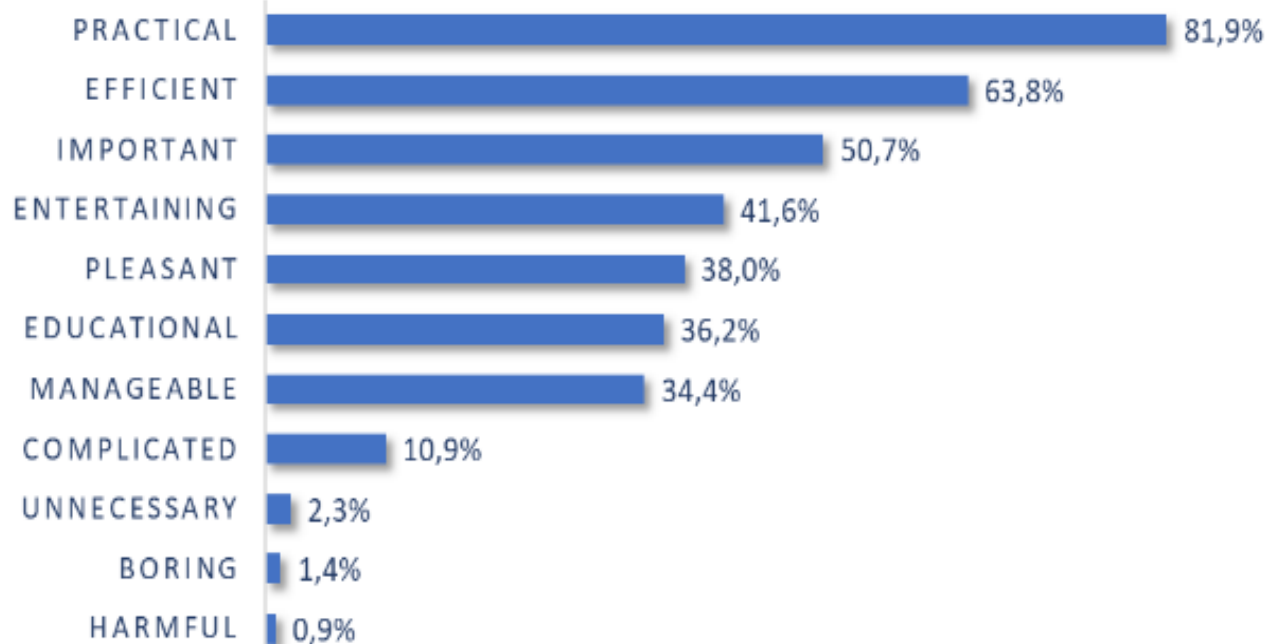
INTRODUCTION TO COMPUTERS



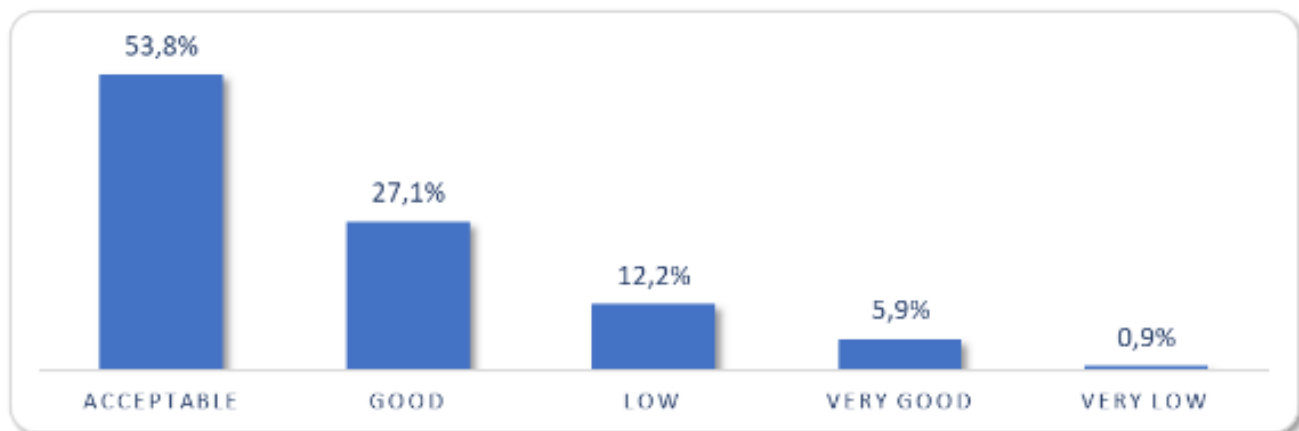


WHAT WE HAVE LEARNED FROM SPANISH SELID RESULTS

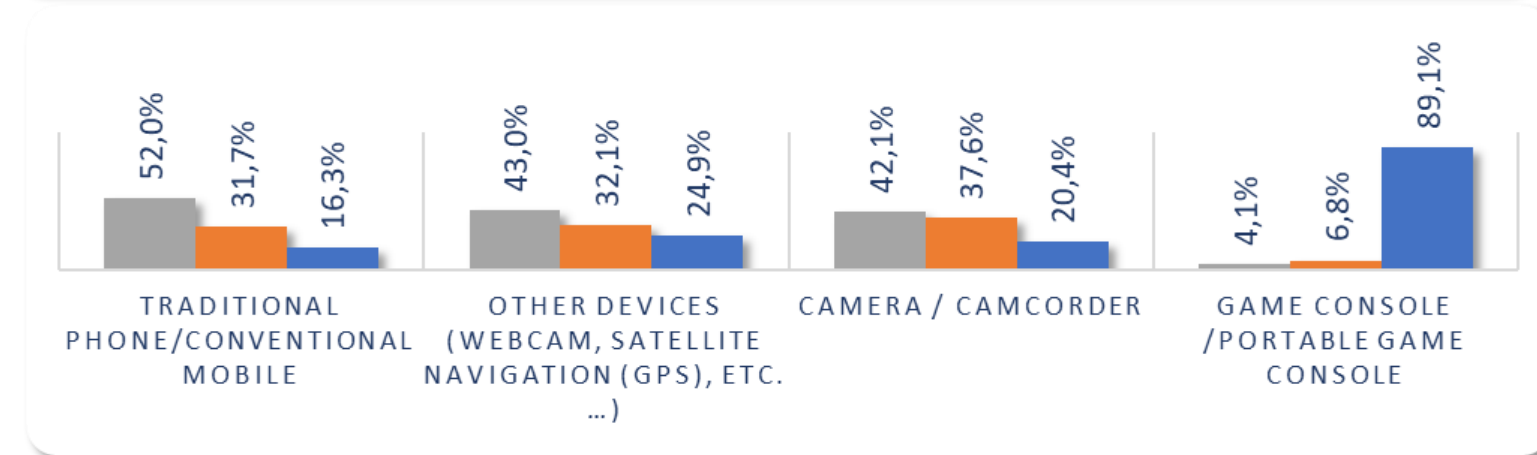
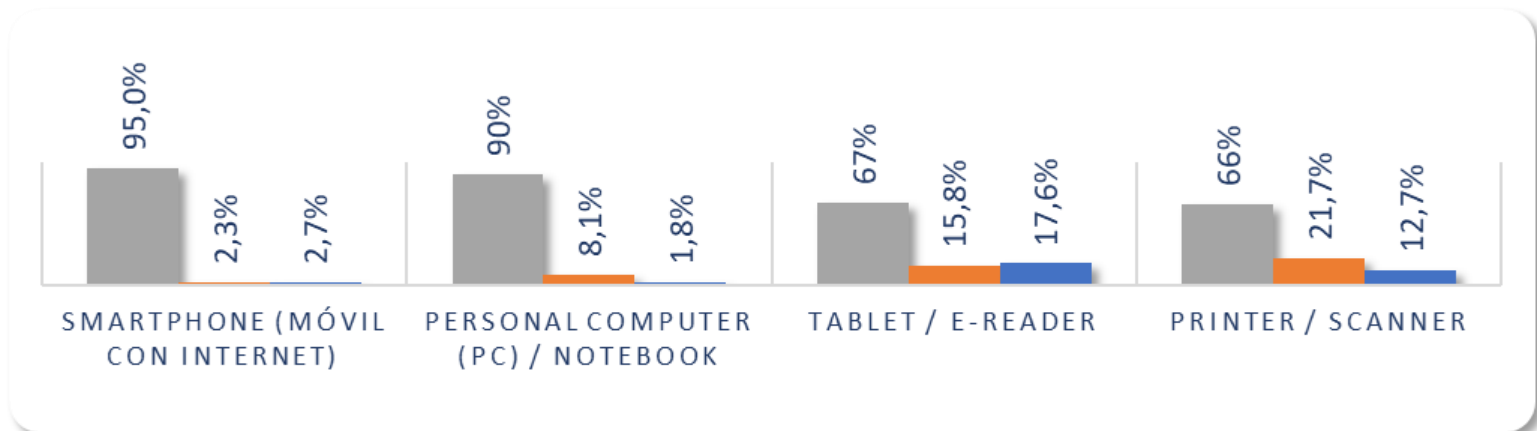
1_ Positive Attitude



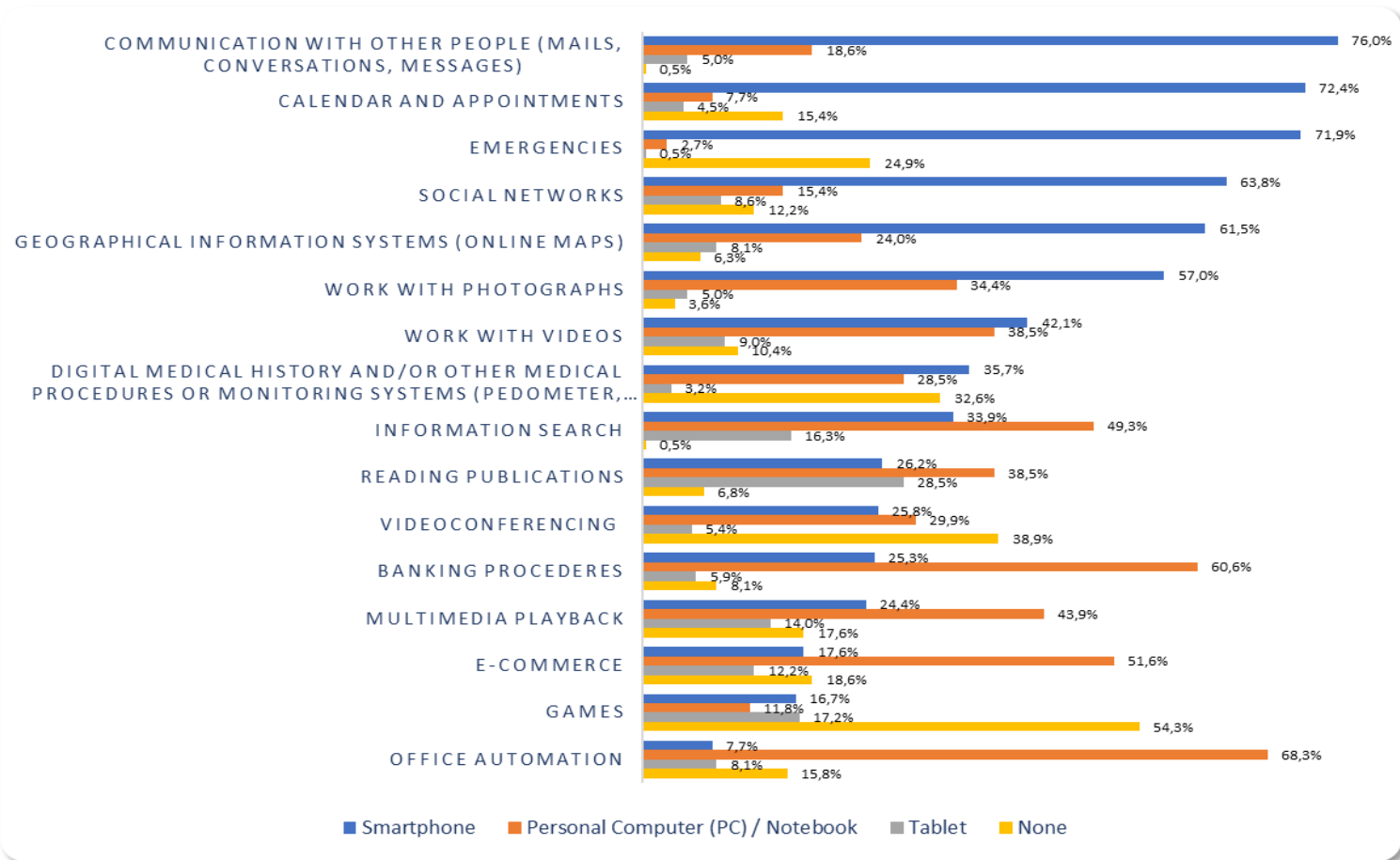
2_Acceptable ICT Level



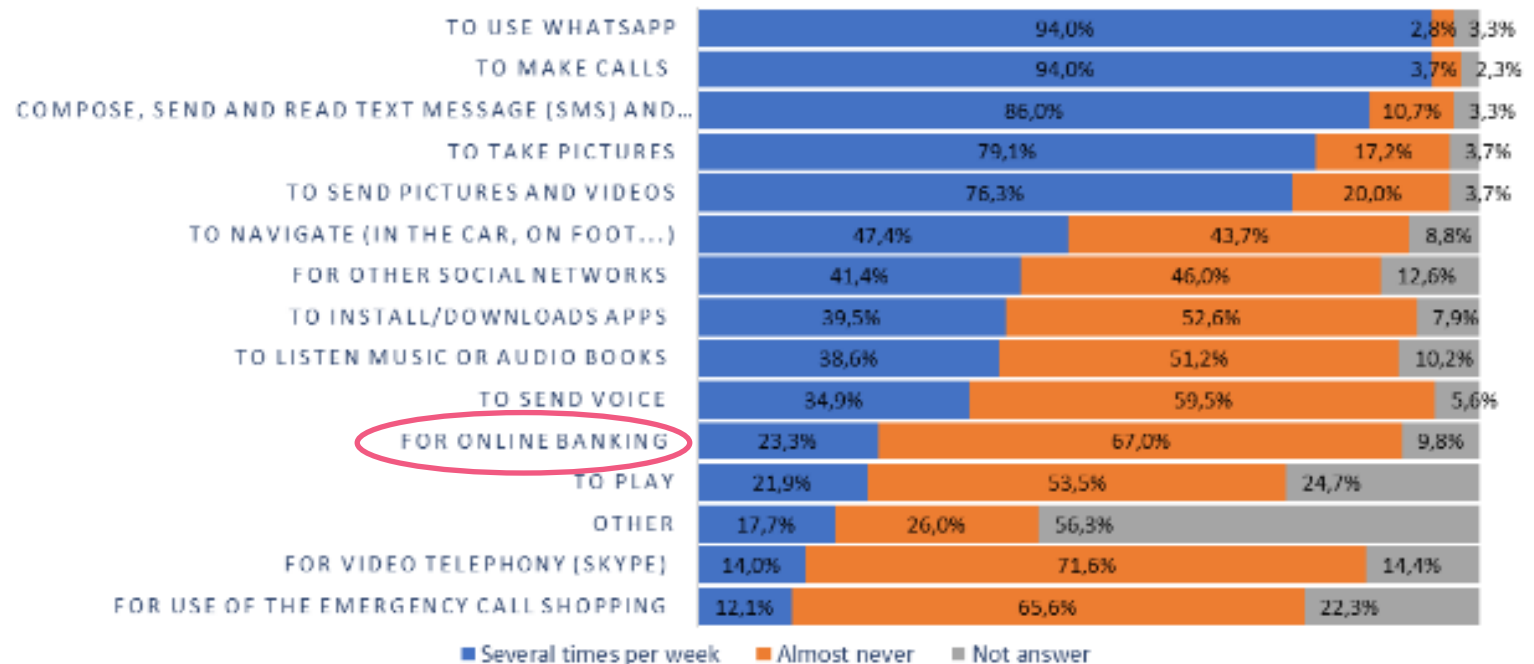
3_Smartphone, Pc's and Tablets



4_ Different devices for different uses



5_ Interaction is the main use of Smartphones



6_ The main difficulties



WHAT CAN WE OFFER BASED ON LESSONS FROM SELID RESULTS AND THE PANDEMIC?



SURVEY on ONLINE Subjects

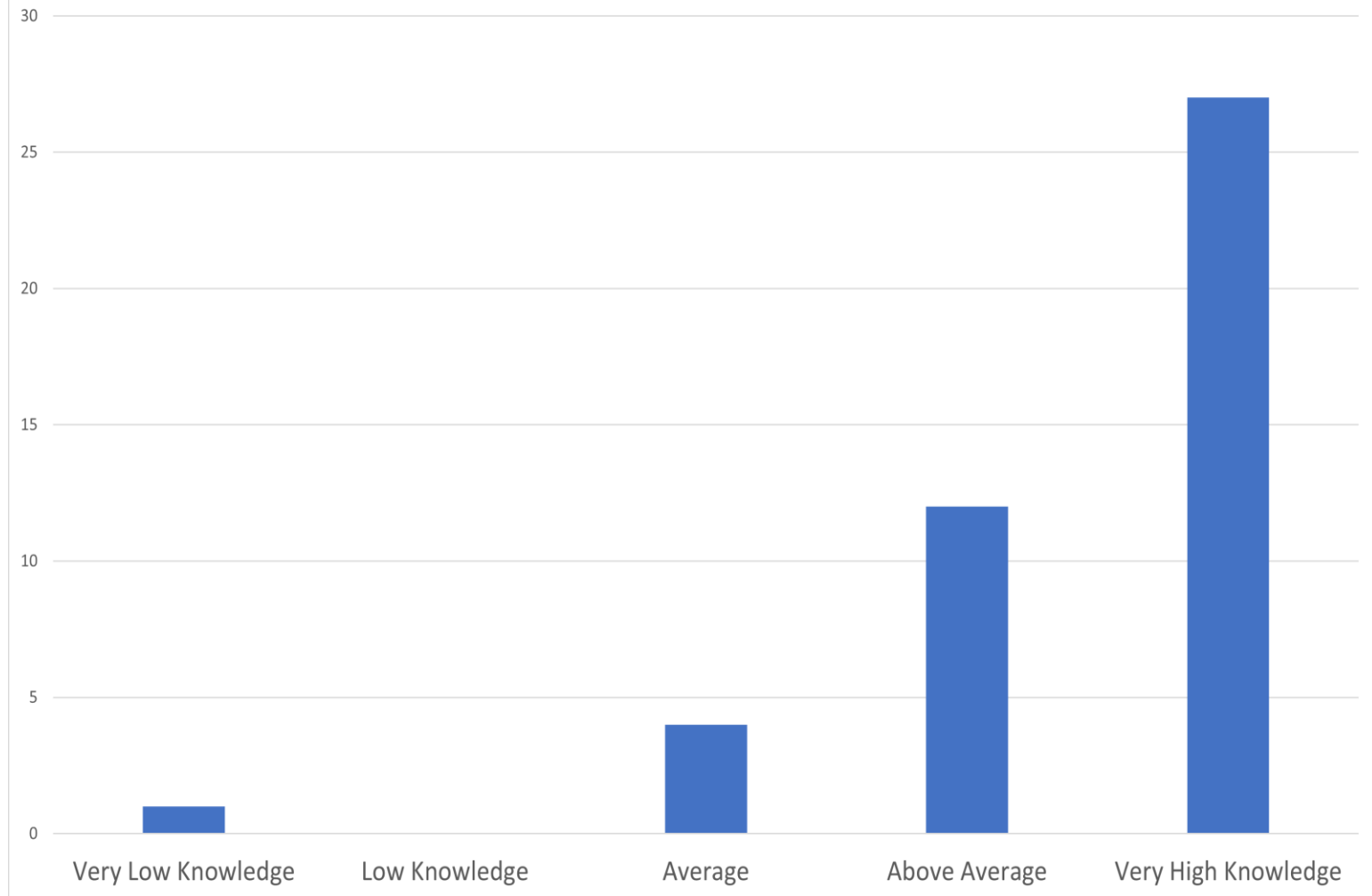
OBJECTIVE:

What have we learnt from the pandemic as regards ICT and learning?

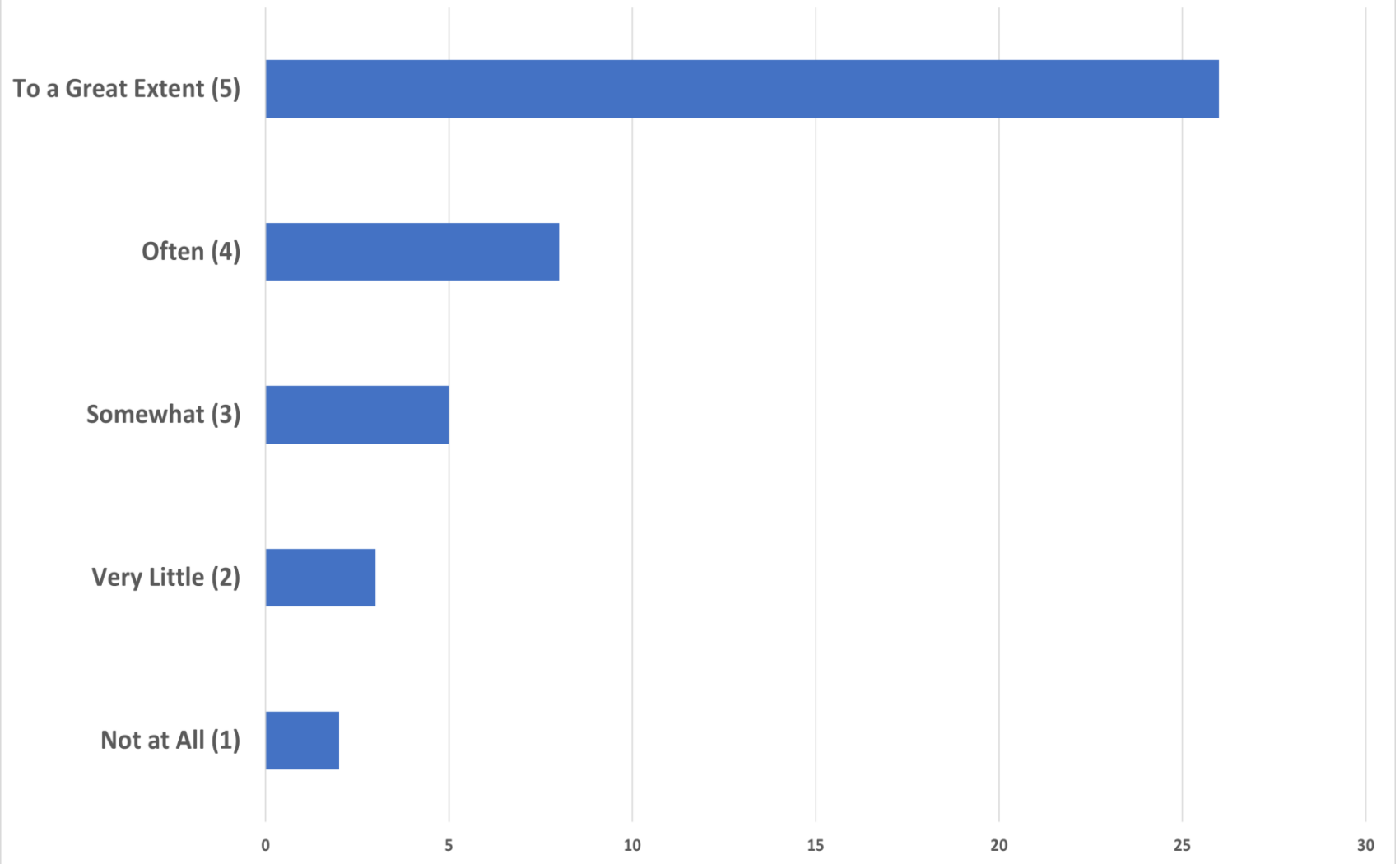
- 182 Surveys sent
- 44 respondents
(24% response rate)



Technological Knowledge to follow the lessons

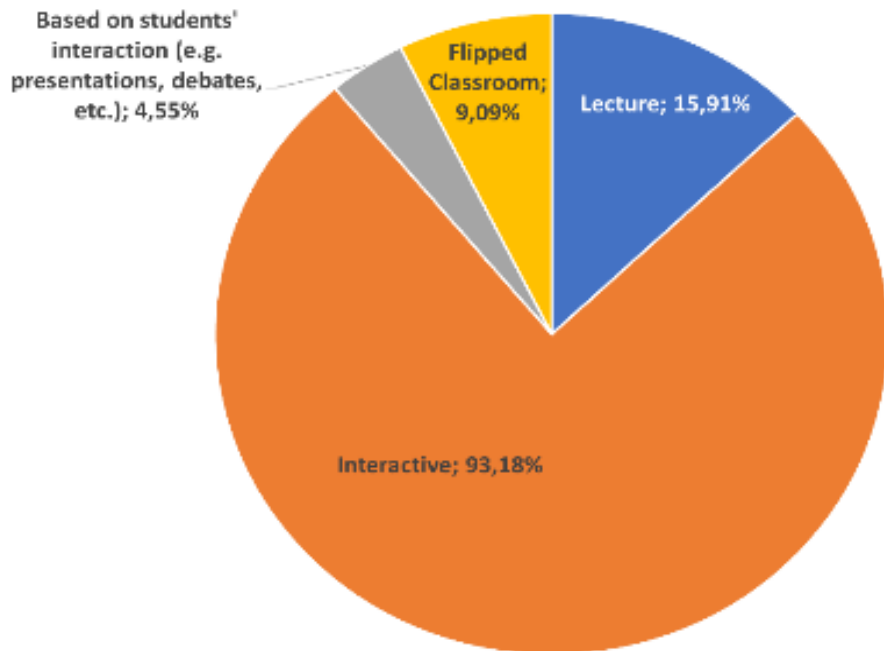


Is videoconferencing a motivating tool?

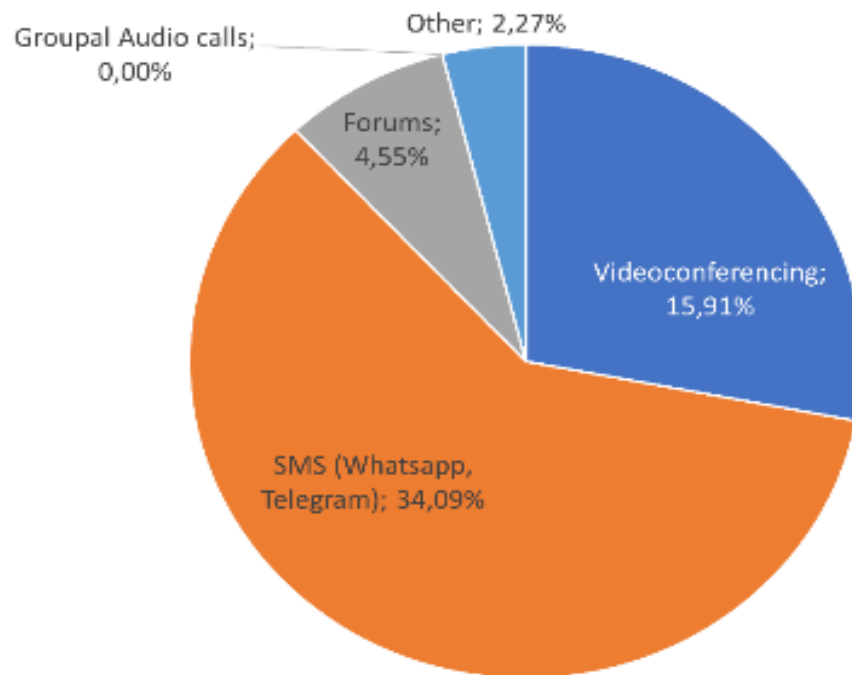


Social Interaction?

What Learning Methodology has been used?

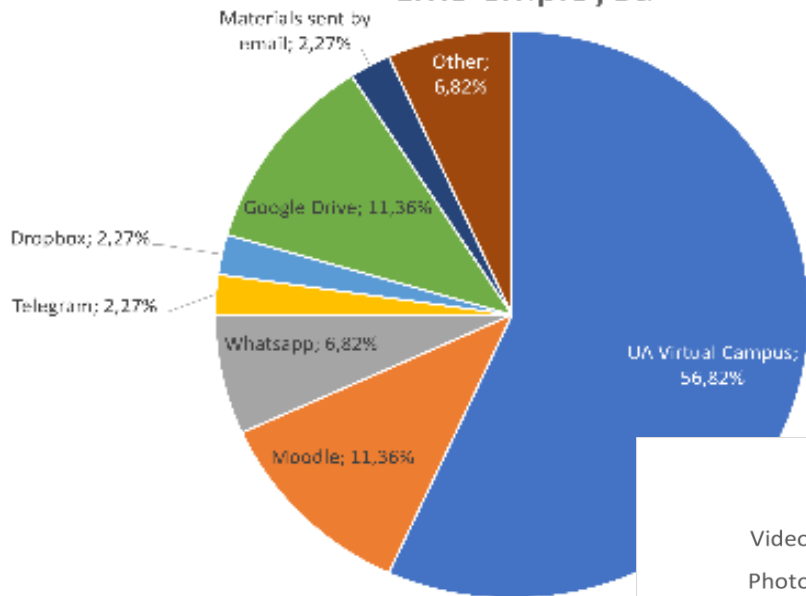


Tools used for Interaction

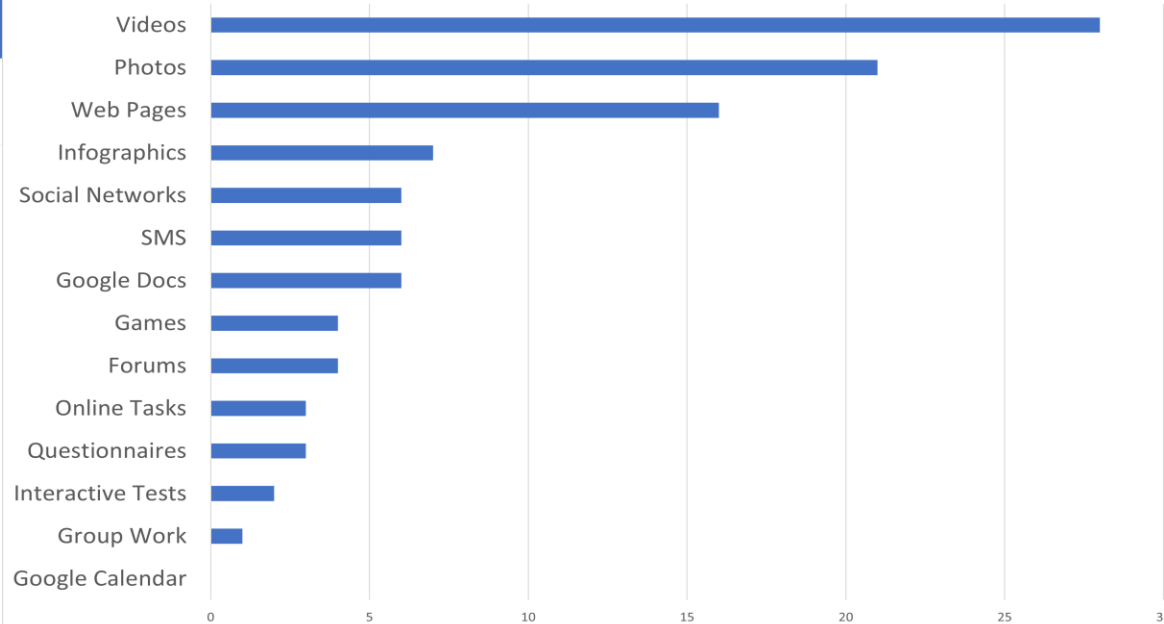


Innovation on ICT?

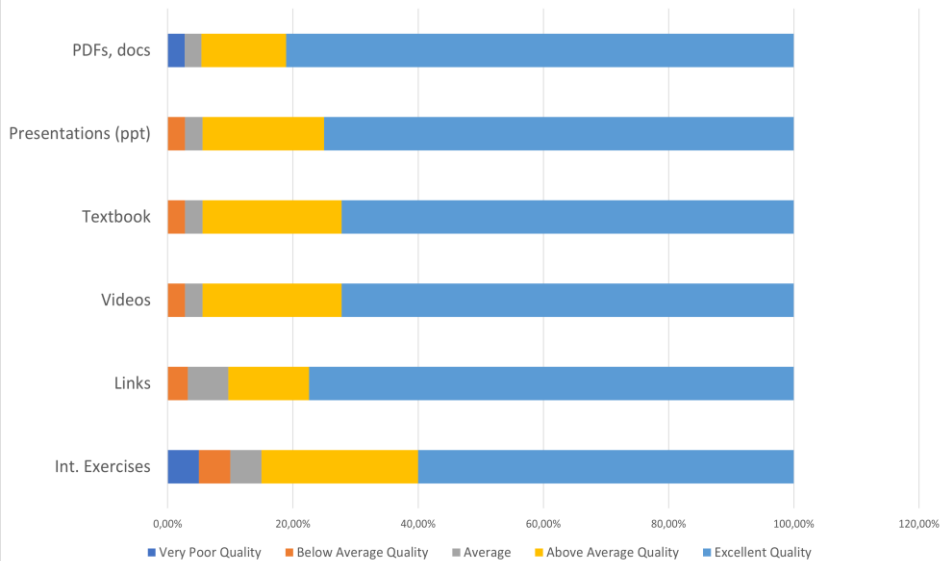
LMS employed



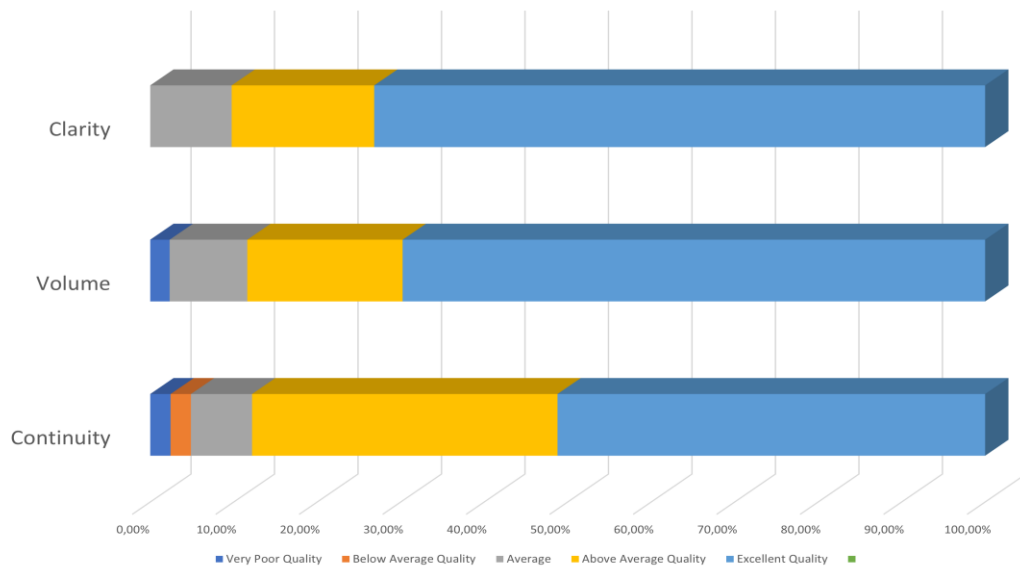
Other Elearning Tools



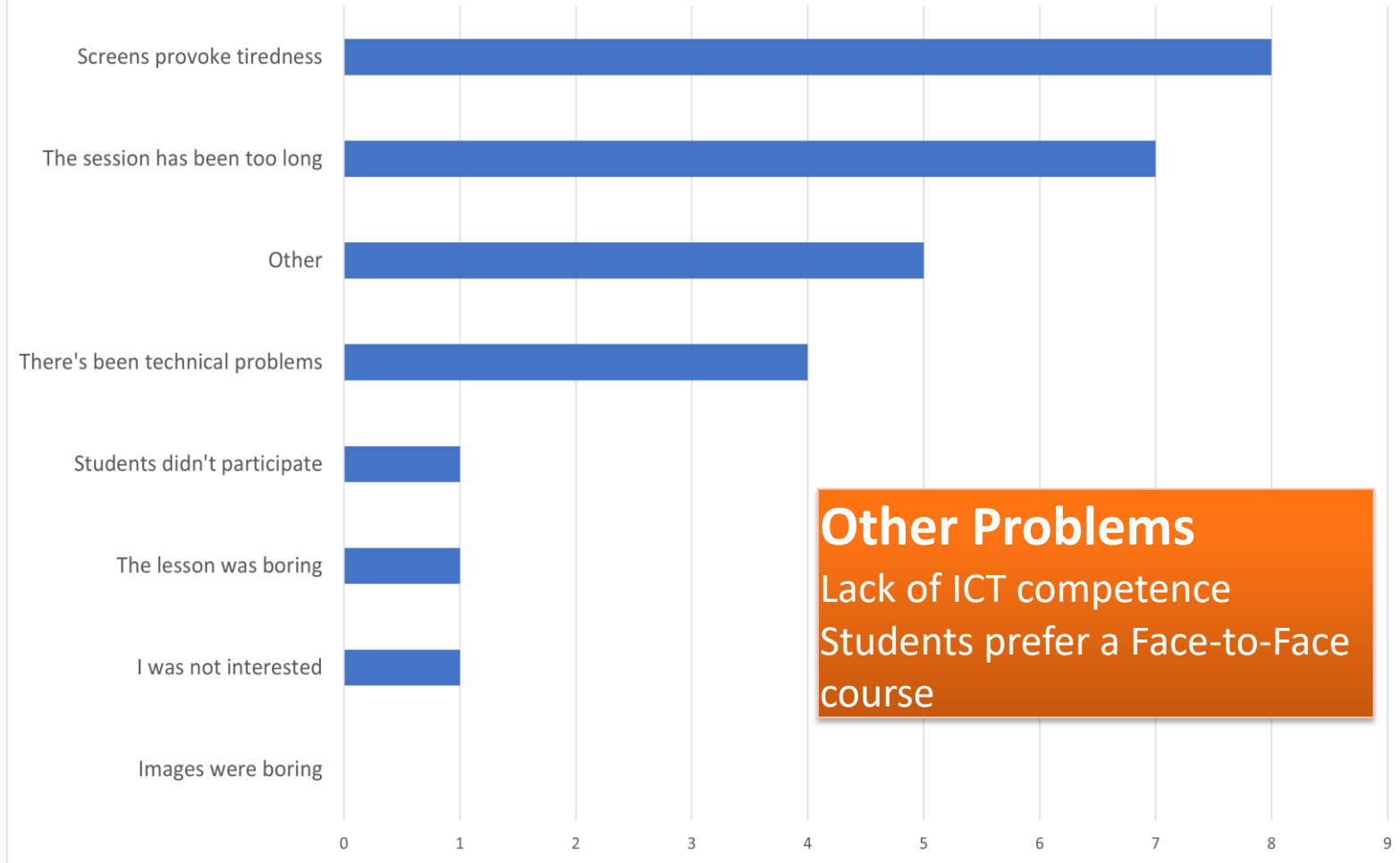
Media Quality



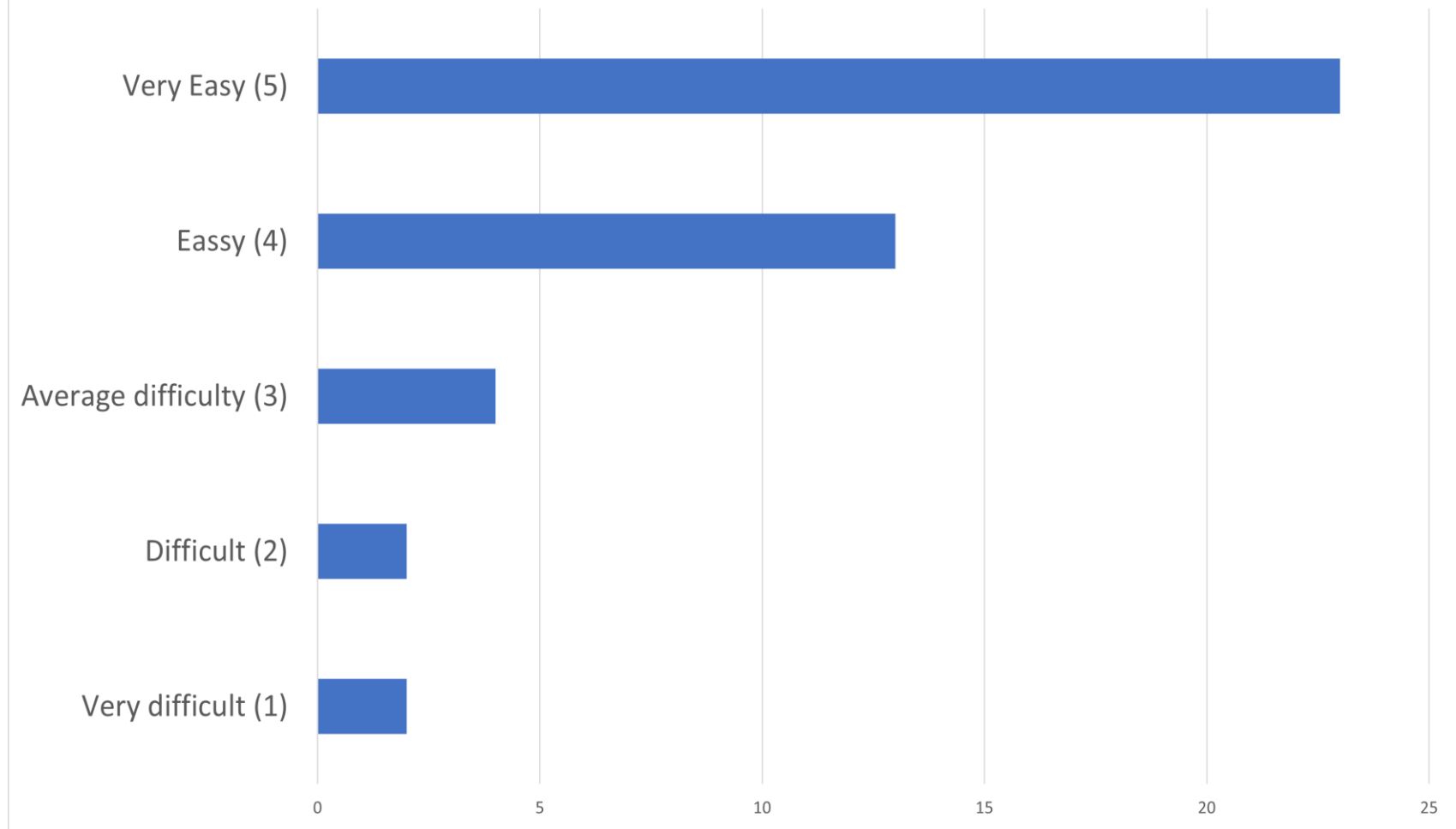
Audio Quality



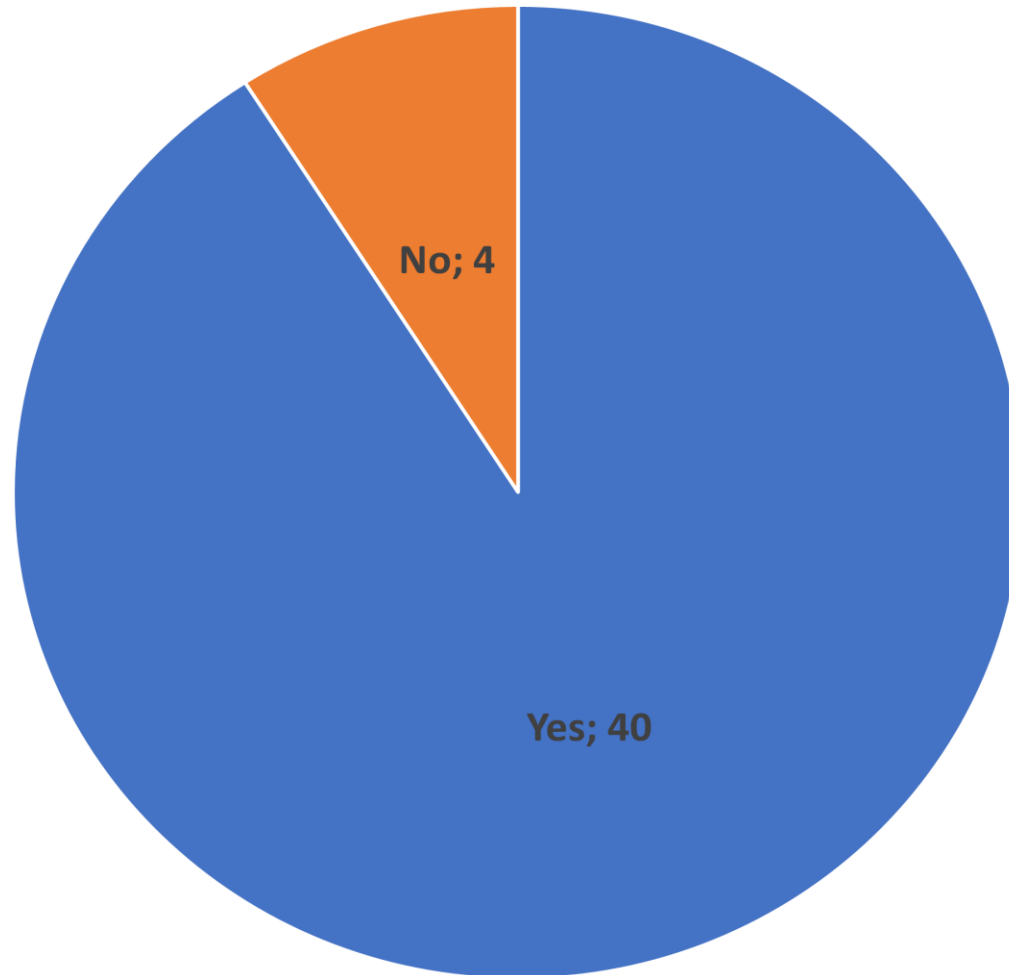
Difficulties for Maintaining Attention



Has it been difficult to work on your own on offline sessions?



Would you register again in an online course?





NEW METHODS:

**INTEGRATED AND TRANSVERSAL
PRACTICES**



**ENHANCING MOTIVATION AND
REAL APPLICATION**

GOOD PRACTICE

ACTION-RESEARCH METHODOLOGY

- Arising Interest
- Providing Support
- Enhancing Motivation
- Applying Critical Thinking
- **Introducing ICT as a TOOL**
- Using seniors' expertise
- **Promoting Seniors' interests**
- **Habilitating CONTEXTS of USABILITY**



<https://www.heimheritage.eu/>

SELID Methodology Proposal

MEANINGFUL INTEGRATION

Online Courses

- Reduction of Screen hours
- More flexible and interactive courses

General Courses

- To foster the use of Smartphones and Tablets in the classroom
- To spread the use of e-administration
- To disseminate the knowledge of friendly technology
- To use technology to facilitate learning
- **To use technology to facilitate life**



NEW SUBJECTS: 2021-22

SUBAREA: DEVICES AND APPLICATIONS

- Learn to program your own applications for mobiles with App Inventor
- Make of your Smartphone, tablet and social networks

SUBAREA: PHOTOGRAPHY AND IMAGE

- Foundations of photographic art
- Making videos from our own photos and videos

SUBAREA: SOFTWARE E INTERNET

- Digital literacy for seniors: E-Banking
- Shopping on the Internet and wifi networks: safe practices



FUTURE ACTIVITIES

CONFERENCES and TALKS

Webinar

II ENCUESTRO CÁTEDRA DE BRECHA
DIGITAL GENERACIONAL

30 de septiembre
y 1 de octubre de 2021



Asociación Gerontológica
del Mediterráneo

DÍA INTERNACIONAL DE LAS PERSONAS MAYORES 2021

PANEL DE EXPERTOS.21-10-2021

La pérdida auditiva en las personas mayores y su relación con patologías psicológicas y neurodegenerativas

El proceso de envejecimiento se caracteriza por una paulatina pérdida de capacidades funcionales. Se trata de un proceso fisiológico que no tiene que considerarse patológico si no se producen alteraciones en su transcurso.



FRIENDLY TECHNOLOGY with Seniors

ASSISTIVE TECHNOLOGY

What are they?

Support products, also known as technical aids, are products that allow for certain actions that would be very difficult or even impossible for the individual alone. This way, users with difficulties when using a part of their body damaged, lost or not working properly can be assisted by technology.



Screen reader

It is an application for computers and mobile devices that **interprets and reads** (with a voice system) everything that happens on the screen to allow access to blind people.

[Read more about screen readers](#)

Screen magnifier

It is an application for computers and mobile devices that enlarges screens and applies visual improvements to allow access by people with low vision.

[Read more about screen magnifiers](#)

Assisted listening systems

They are devices that increase and improve sound to understand the voice in particular daily situations to allow people with hearing impairments to hear.

[Read more about assisted listening systems](#)

Digitalisation

With this process we turn information from different materials into accessible formats such as PDF, Word, etc.

[Read more about digitalisation](#)

Touch screen

Discover how a person with low vision can see the blackboard and other materials

[Read more about touch screen](#)



EXAMPLE OF BEST PRACTICE

LUIS FLORENCE

- Topograph
- Senior Student at UPUA
- Collaborator in other Projects
- Interests: computers, geography, history and heritage



ALICANTE ROUTES VIEWER



- UPUA students and teachers' collaboration
- It Adapts to senior interests and needs
- It is a Real tool for Real life use

Conclusion

To give the support seniors
need to **learn, discover,**
engage and improve



THANKS!!