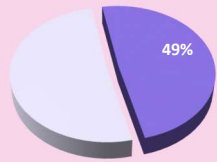


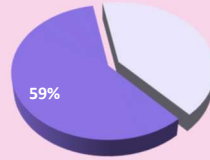
How Multitasking Influences the Usage of a Voice Assistant

BACKGROUND



Consumers that use a voice assistant in a multitasking environment

Consumers who want improvement



- Improvement requires insight on the use in a multitasking environment
- Method: compare single task with multitasking environment (using a game)

METHOD



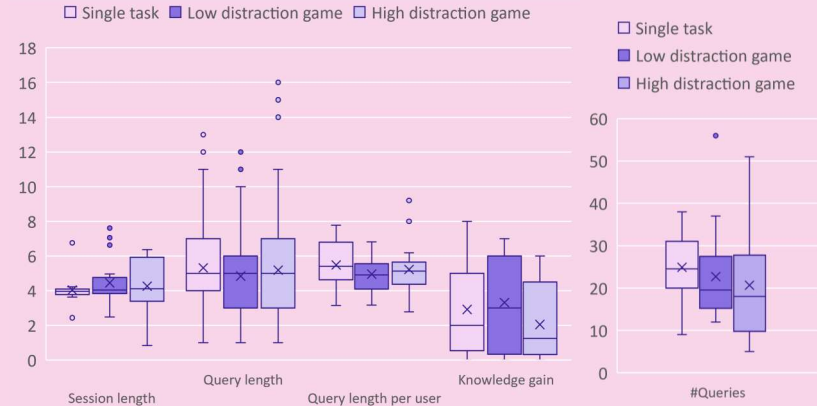
10 TRUE/FALSE questions about a topic

Retrieve information about the topic, either with a distraction or without

2nd test to calculate the knowledge gained during the task

- 3 questions to evaluate the task
- User satisfaction
 - Effort
 - Speech recognition

RESULTS



CONCLUSION

- Dual tasking decreases the query length
- The intensity of the dual task session decreases the knowledge gain

LIMITATIONS

- Number of participants
- Quality of returned answers
- Quality of speech recognition