




Tablet-Based Cognitive Gaming Platform for Seniors

Piloting results in Austria and Turkey

2018-1-TR01-KA204-058258





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Erasmus+ Programme
of the European Union


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- Announcement: October-November 2020
 - Induction trainings and webinars: December 2020
 - Pilot tryouts: January-June 2021
 - Reporting: July 2021

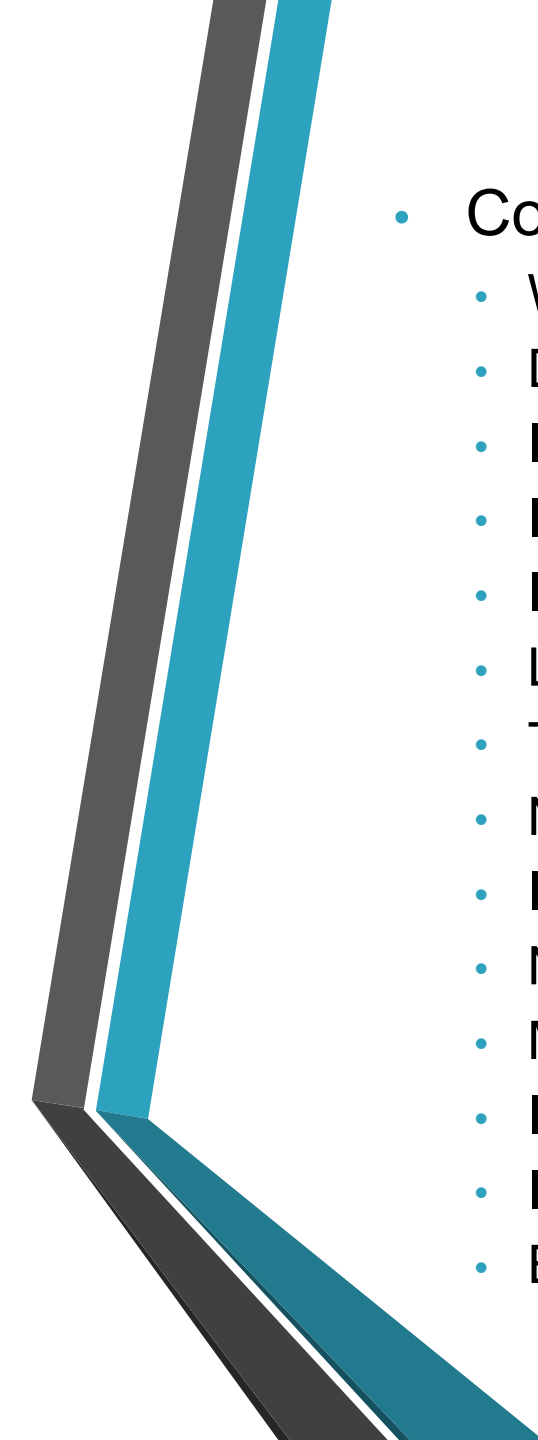
 - Number of pilot users: 260
 - Age average: 62,2
 - Number of tryout session: 352 times
 - Average time spent for each session: 25 minutes

 - Number of technicians: 4
 - Number of facilitators/volunteers: 5

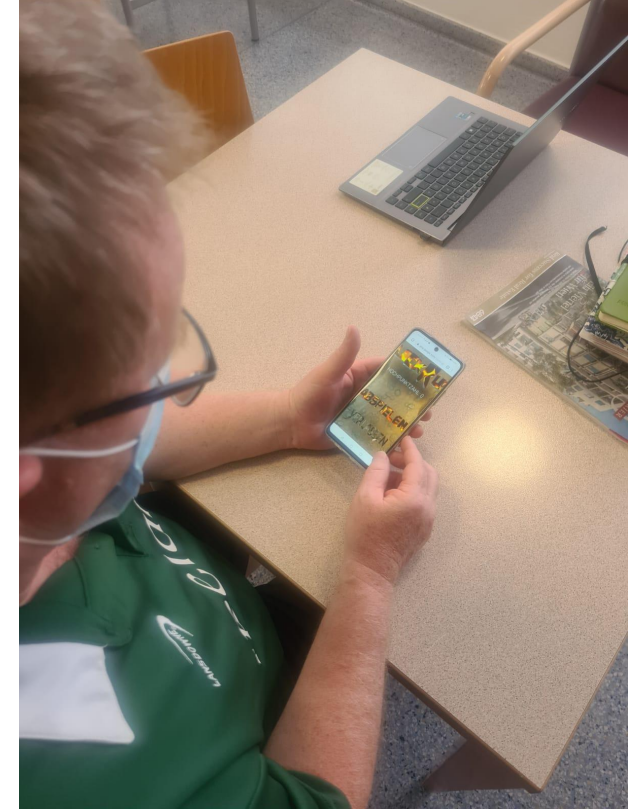
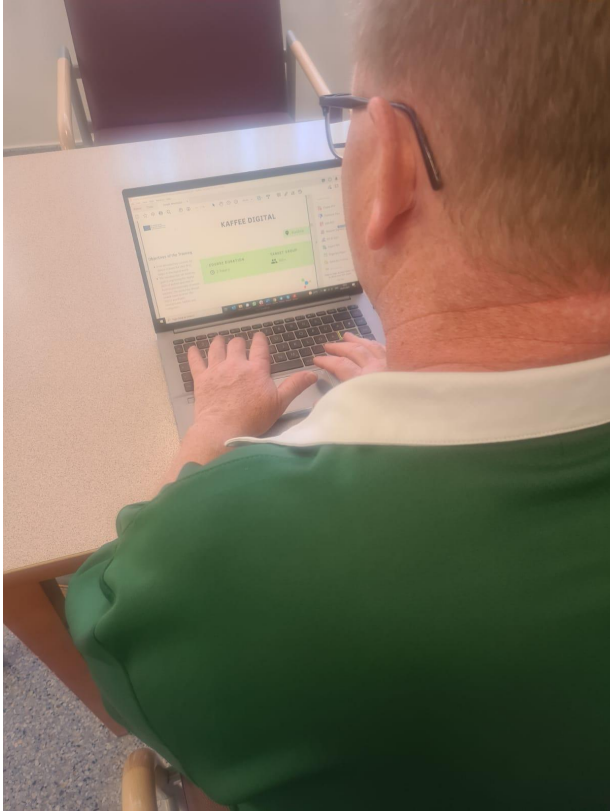
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- Used techniques
 - Face to face instructions
 - Presentation
 - Demonstration
 - Guidance / Try together
 - Pilot sessions
 - Self-assessment

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- Comments and feedbacks from pilot users
 - It is a useful app for memory and attention of elderly.
 - Simple interface is good. I liked it.
 - Even though it is designed for seniors, others can use as well. I tried on myself. It is fun.
 - Fun and simple.
 - There are many memory games out there but few for seniors. It is a good progress.
 - I would prefer if we could change the screen ratio (between horizontal and vertical), but games are good.
 - It is interesting that each game has totally different style. Refreshing.
 - I installed it to my mother's phone, she seems to like it.
 - Simple colours and interface. Easy to use.
 - I like it.

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- Comments and feedbacks from pilot users
 - As a social worker, I helped a few residents in our pension to install. They are using it.
 - I downloaded to my father's phone. Games are good for improving attention.
 - As a senior citizen, there are very few options for cognitive games. This game fills that need.
 - It can be better, but it is already good enough.
 - I would recommend it especially for elderly people.
 - If you want to make use of your extended time in bathroom, it is a good game.
 - It seems like it is a compilation of games. But some of them really nice, like memory and attention games.
 - No Ads! That is good.
 - Game is focusing on improving cognitive skills of elderly people who are over 60 years old. And does a good job on this issue.
 - Visually, it can be better. But it filled a major need in the market: cognitive games for seniors.

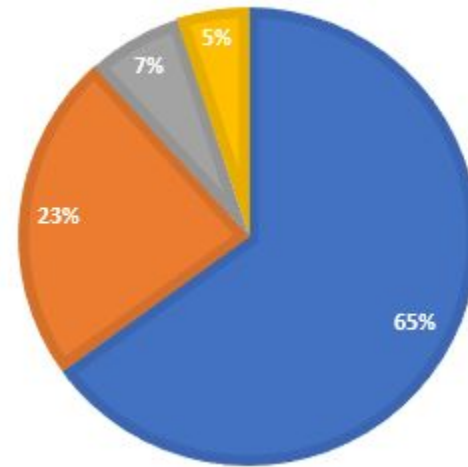
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- Comments and feedbacks from pilot users
 - We used mainly attention and memory games. They are nice.
 - During covid curfew, it became a pass-time for my parents at home.
 - I hope they come up with an iPhone version too.
 - I installed it and liked it. Games are fun and easy to navigate.
 - I didn't know NGOs produces such games. It is good.
 - Liked it. 5 stars to you.
 - Tried in our community centre with adults, perfect results.
 - Nice interface and low memory needs... Liked it.
 - I believe that this game is a good for extra activities to enhance cognitive skills.
 - Nice mini games.
 - My favourite is wheel matching game.
 - It can improve memory, attention, visual perception etc.
 - I suggest spreading it to use in elderly care centres.
 - Enjoyable.

- A sample photo from one session
 - Because of the GDPR, there is not any public sharing of the piloting photos



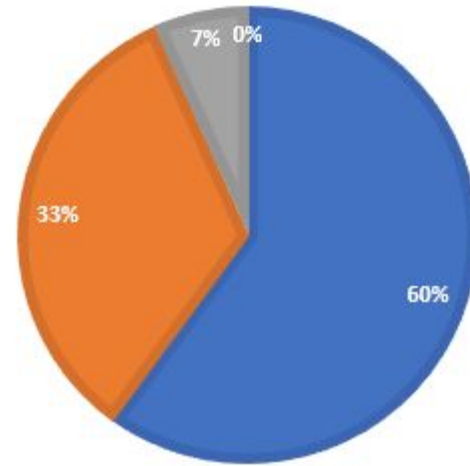
- Self-assessment of capacities and skills in the everyday life
- Needs asking the same thing repeatedly

■ Not at all ■ Sometimes ■ Frequently ■ Does not apply



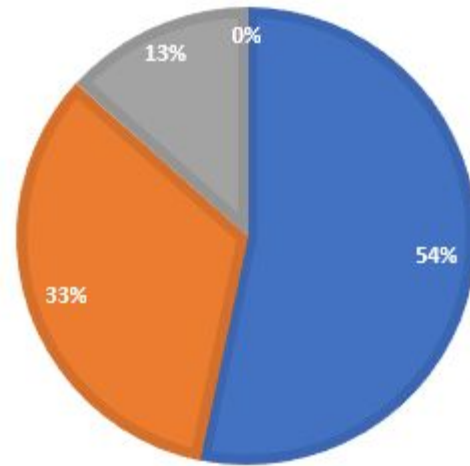
- Self-assessment of capacities and skills in the everyday life
- Have trouble remembering appointments, family occasions, holidays

■ Not at all ■ Sometimes ■ Frequently ■ Does not apply



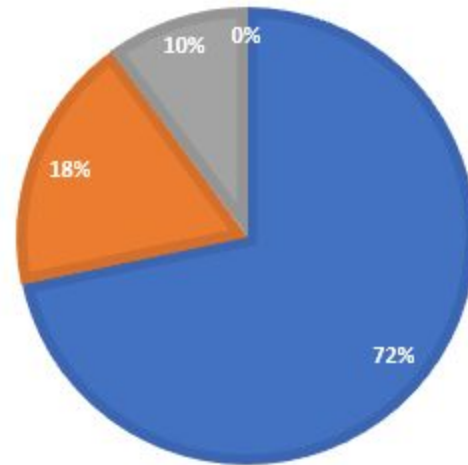
- Self-assessment of capacities and skills in the everyday life
- Have trouble using bank card, paying bills, calculating the bill etc

■ Not at all ■ Sometimes ■ Frequently ■ Does not apply



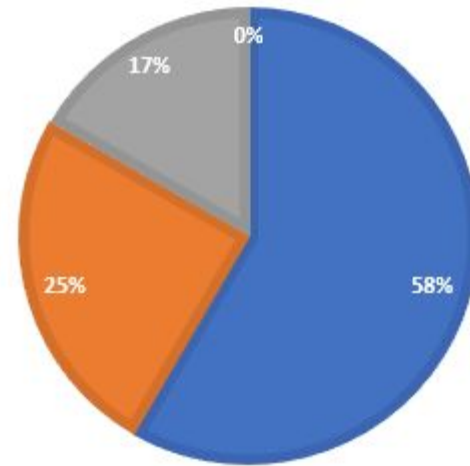
- Self-assessment of capacities and skills in the everyday life
- Have trouble shopping independently (e.g., for clothing or groceries)

■ Not at all ■ Sometimes ■ Frequently ■ Does not apply

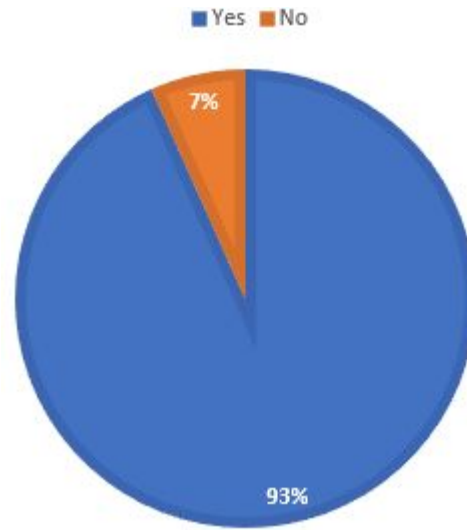


- Self-assessment of capacities and skills in the everyday life
 - Get lost while walking or driving in familiar places

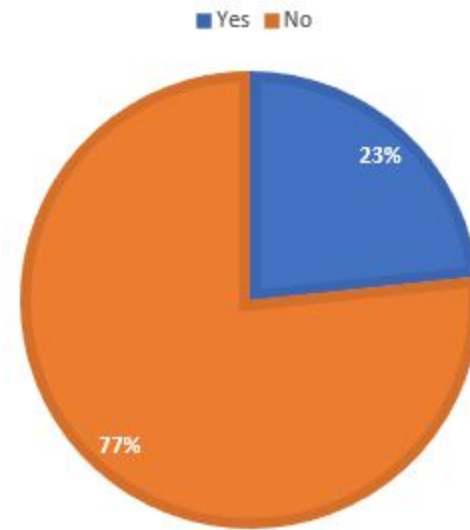
■ Not at all ■ Sometimes ■ Frequently ■ Does not apply



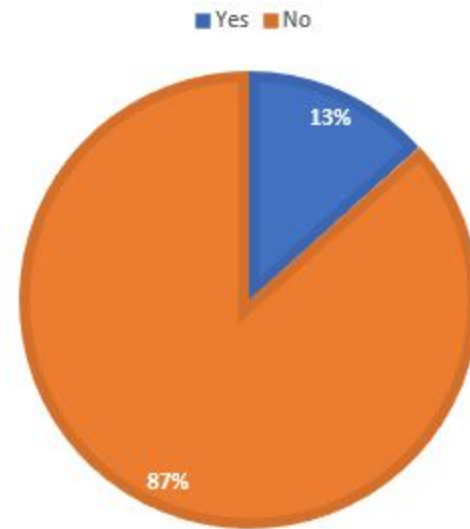
- Pre-test result in geriatric scale
 - Basically, satisfied with his/her life



- Pre-test result in geriatric scale
 - Dropped many of personal activities and interests

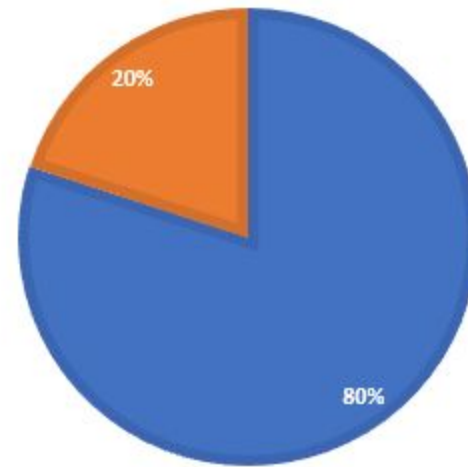


- Pre-test result in geriatric scale
 - Feel that his/her life is empty or feeling lack of purpose

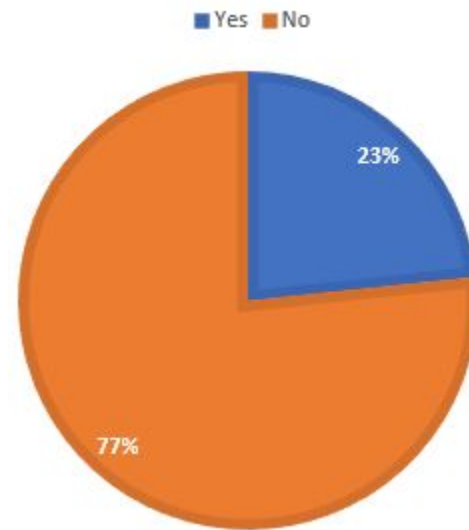


- Pre-test result in geriatric scale
- Mood in most of the time

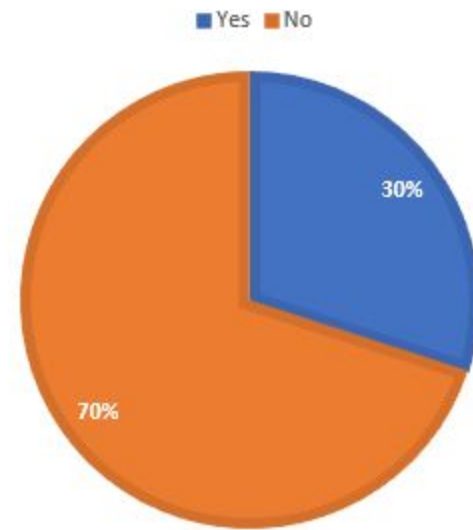
■ In good spirits and/or energetic ■ Hopeless and/or helpless



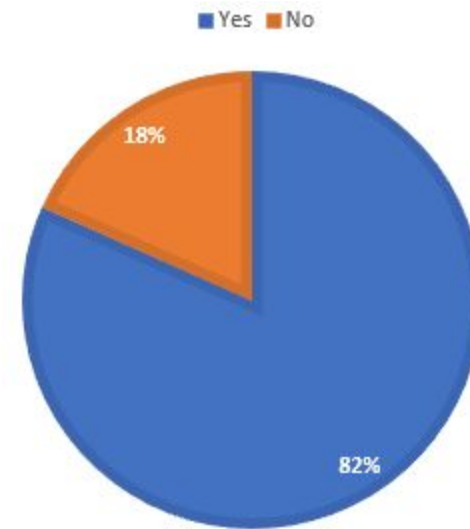
- Pre-test result in geriatric scale
 - Prefer to stay at home, rather than going out and doing new things



- Pre-test result in geriatric scale
 - Feel that he/she has more problems with memory than most people

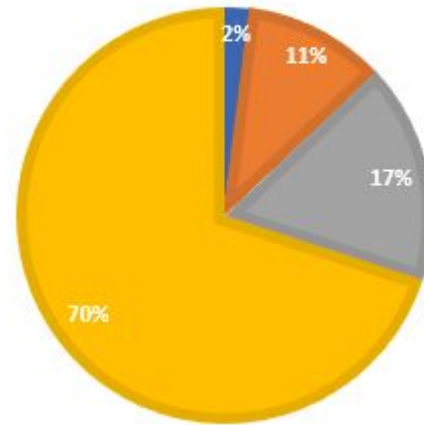


- Pre-test result in geriatric scale
 - Have a healthy social life comparing to peers



- Functional activities result
 - Shopping for clothes, household necessities, or groceries

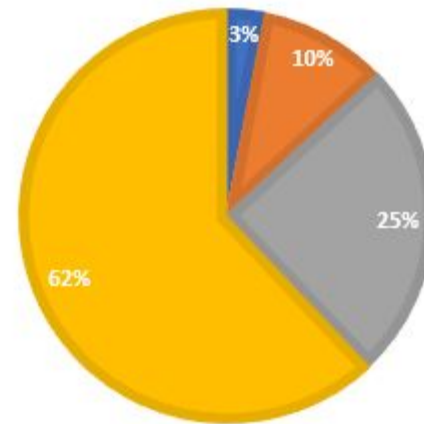
■ Fully dependent ■ Requires assistance
■ Has difficulty, but can do by self ■ Can do independently



- Functional activities result

- Doing chores in the house such as making a cup of coffee/tea, cleaning, doing laundry, operating basic household appliances

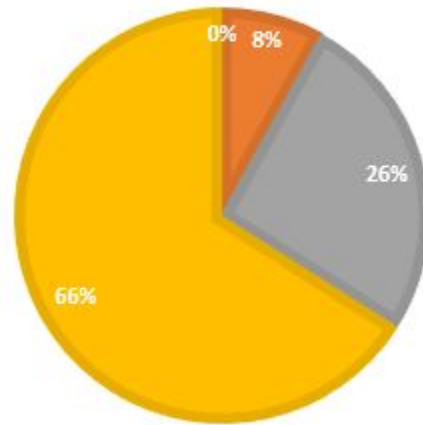
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- Functional activities result

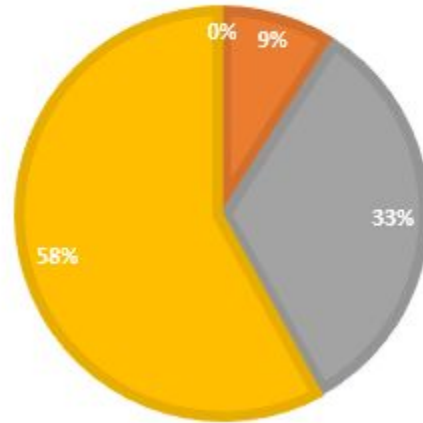
- Paying attention to, conversing, or understanding a TV show or conversation among friends

■ Fully dependent ■ Requires assistance
■ Has difficulty, but can do by self ■ Can do independently



- Functional activities result
- Remembering appointments, family occasions, holidays, medications

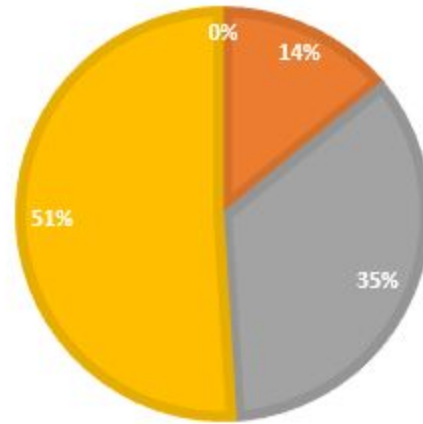
■ Fully dependent ■ Requires assistance
■ Has difficulty, but can do by self ■ Can do independently



- Functional activities result

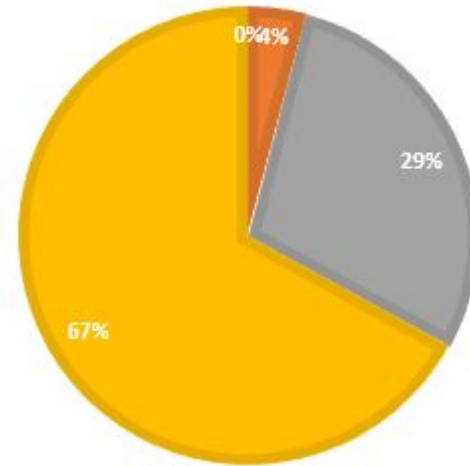
- Traveling out of neighbourhood, driving unfamiliar places, using public transport

■ Fully dependent ■ Requires assistance
■ Has difficulty, but can do by self ■ Can do independently



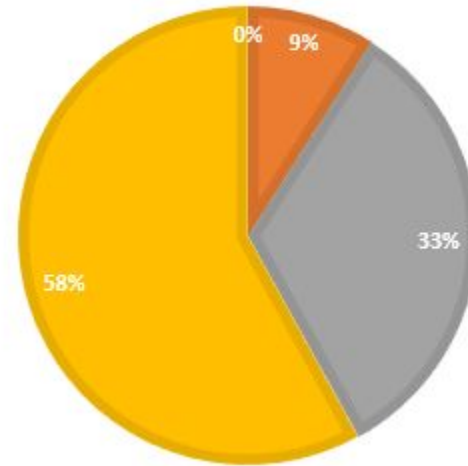
- Problem behavior results - Cognitive symptoms
- Feeling/acting confused, zone out or blank

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



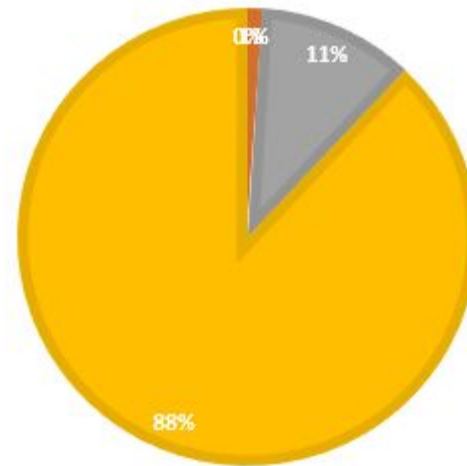
- Problem behavior results - Cognitive symptoms
 - Talking or mumbling to him/herself

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



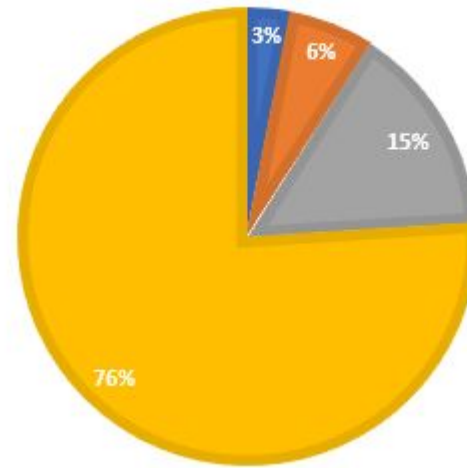
- Problem behavior results - Cognitive symptoms
 - Hear or seeing things that were not there

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



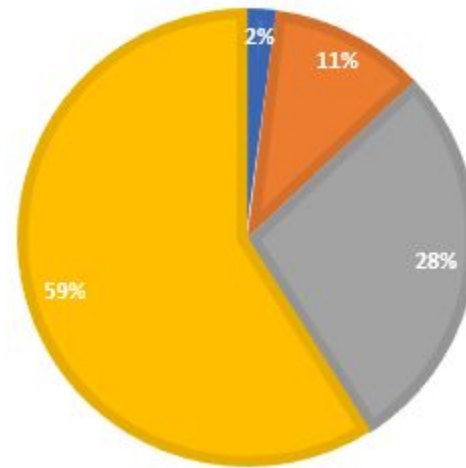
- Problem behavior results - Cognitive symptoms
- Forgetting the names of family members or close friends

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



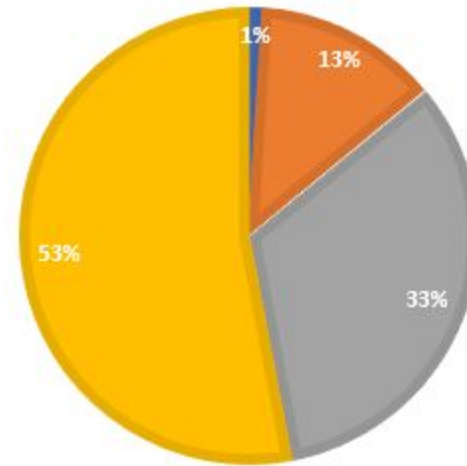
- Problem behavior results - Cognitive symptoms
 - Forgetting the right words to use

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



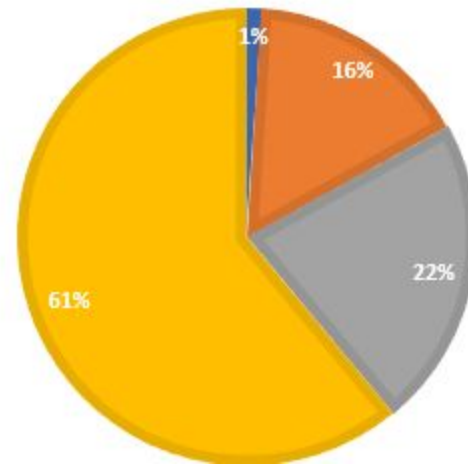
- Problem behavior results - Behavior symptoms
 - Yelling or swearing at people/things/events

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



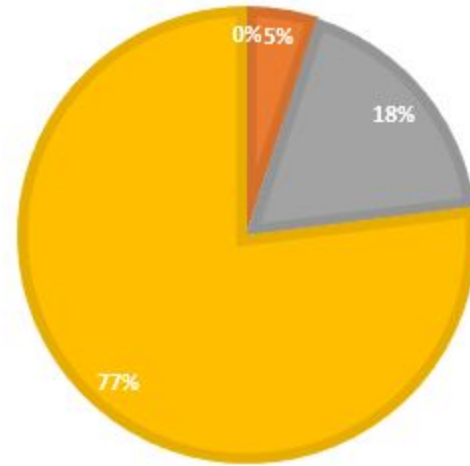
- Problem behavior results - Behavior symptoms
 - Feeling or acting restless or agitated

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



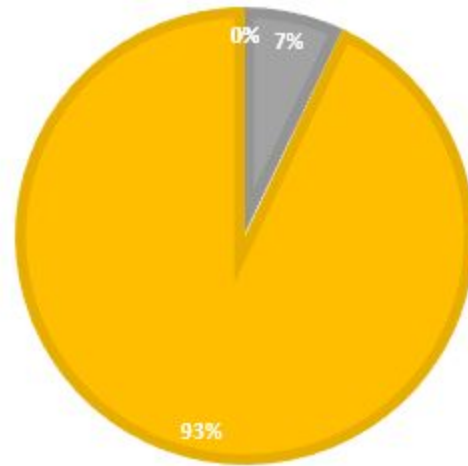
- Problem behavior results - Behavior symptoms
 - Feeling or acting fearful without any good reason

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



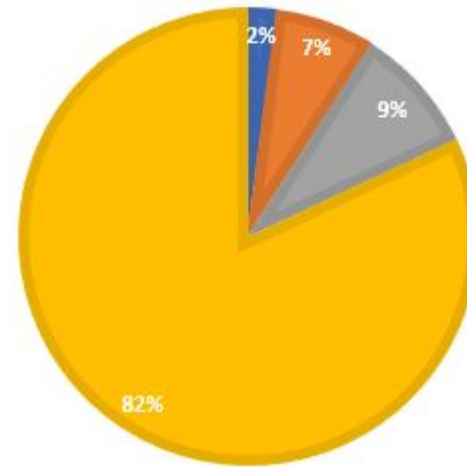
- Problem behavior results - Behavior symptoms
- Showing inappropriate sexual behaviours

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



- Problem behavior results - Behavior symptoms
 - Refusing to be left alone

■ Most or all the time ■ Often ■ Sometimes ■ Almost never



- Pilot Implementation Photos

