

**Your brain.
Your life.**



UNSW
SYDNEY



CogSCAN Study

Zara Page

PhD Candidate & Research Assistant



Your brain. Your life.



UNSW
SYDNEY



Pencil-and-Paper Cognitive Assessments



- Completed face-to-face
- Require specialist trained clinicians, e.g. neuropsychologist
- Can be time consuming and costly



Your brain. Your life.

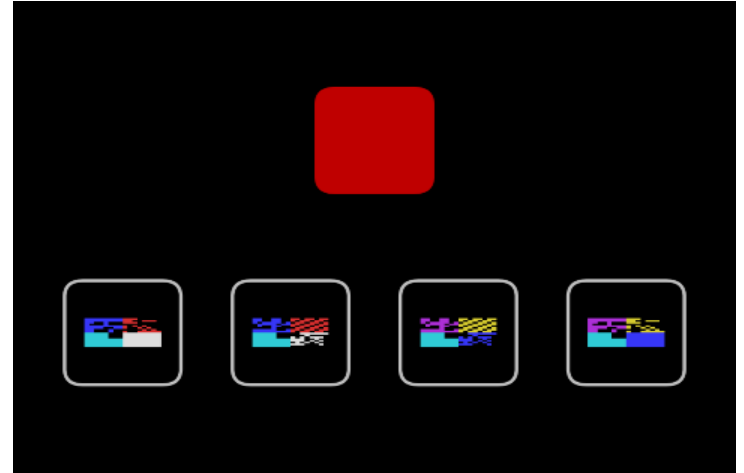


UNSW
SYDNEY



Computerised Cognitive Assessments

- \$ Lower costs & scalable
- 🕒 Shorter administration time
- 📍 Accessible (e.g. rural populations)
- 🌐 Available in multiple languages



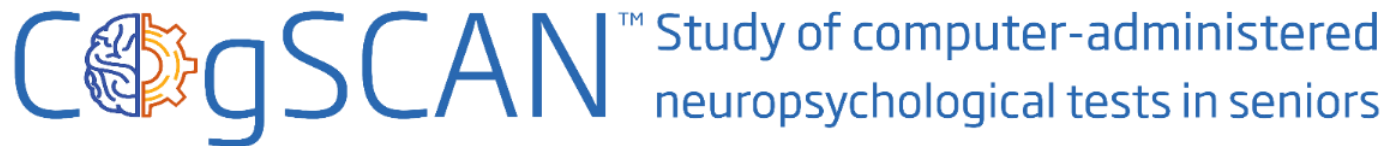
Your brain. Your life.



UNSW
SYDNEY



CogSCAN Study: *Our Aim*



.....which test to choose?

.....for what purpose?

.....and for whom?

Your brain. Your life.

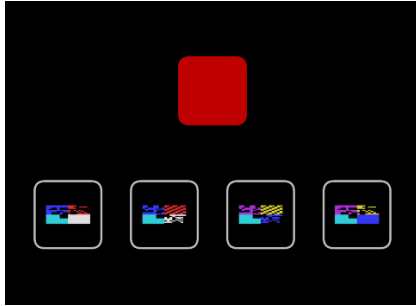


UNSW
SYDNEY



CogSCAN Study: *Computerised Tests*

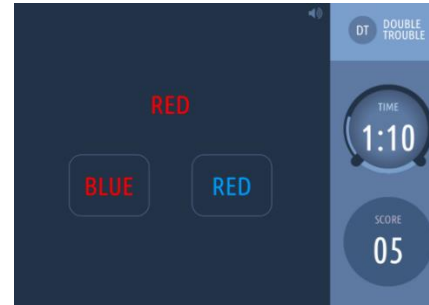
1. CANTAB



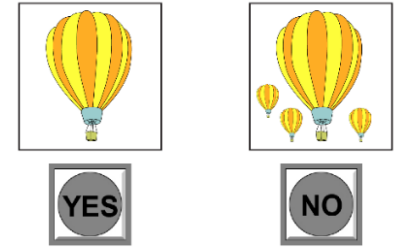
2. Cogstate



3. Creyos



4. NIH Toolbox



Your brain. Your life.



UNSW
SYDNEY



How did the tests measure up?



Your brain. Your life.



UNSW
SYDNEY



'The Gold Standard': *Are these tests valid?*



Your brain. Your life.



UNSW
SYDNEY



'The Gold Standard': *Are these tests valid?*



Language &
executive function



Processing
speed, attention,
working memory

Your brain. Your life.



UNSW
SYDNEY



'The Gold Standard': *Were the tests reliable?*



Time 1

=



Time 2

Your brain. Your life.



UNSW
SYDNEY





What did *you* think about the tests?

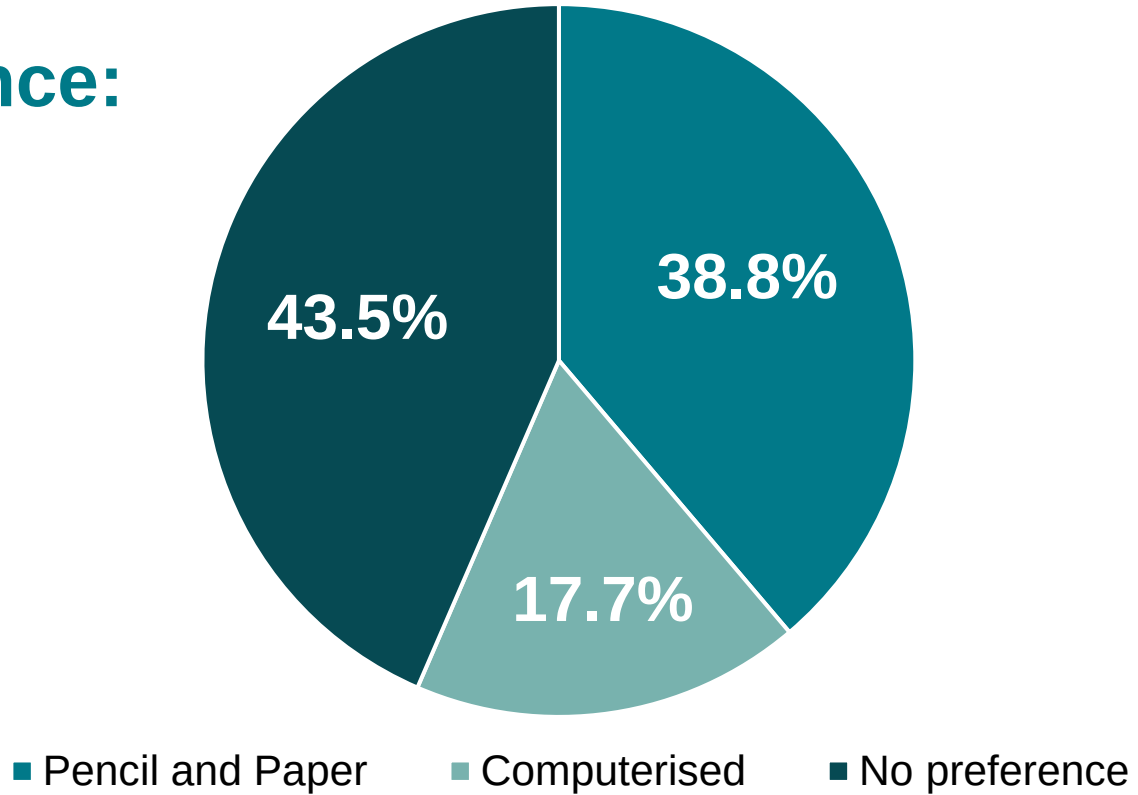
Your brain. Your life.



UNSW
SYDNEY



User Experience: *Preference*



Your brain. Your life.

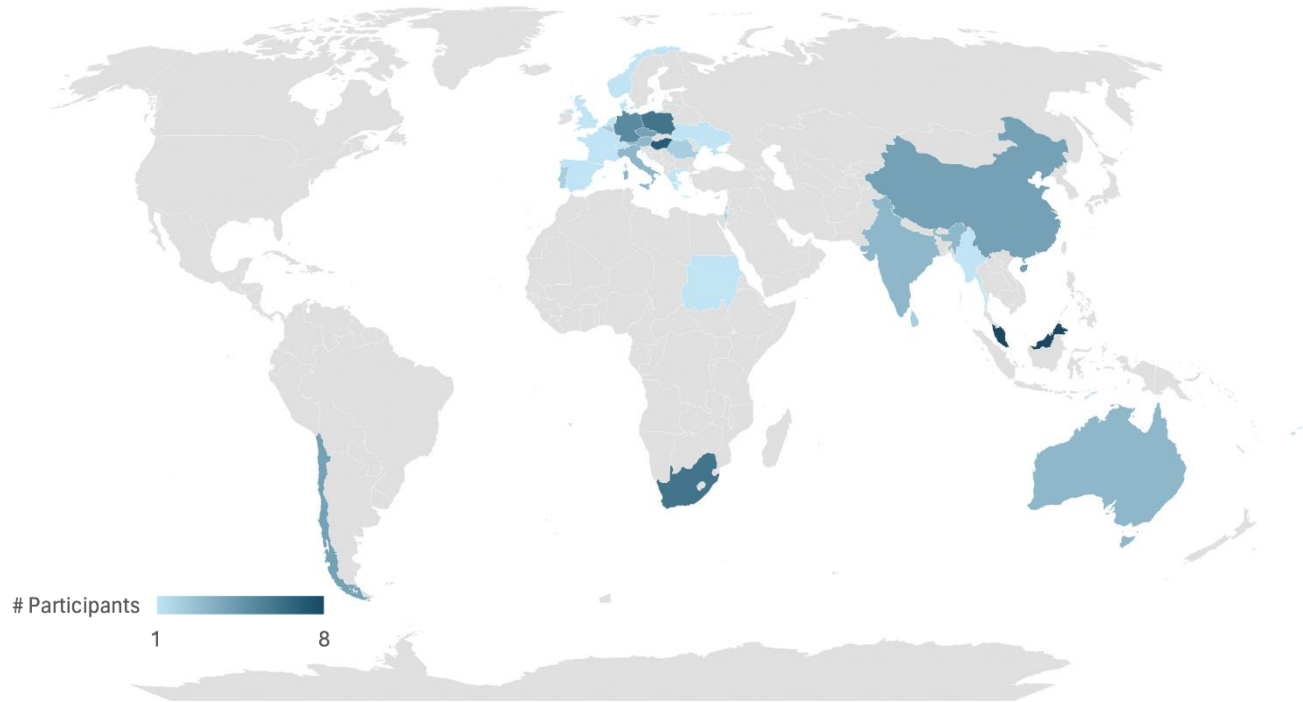


UNSW
SYDNEY



The influence of culture and language

- 95 participants who were born in 35 different countries



CogSCAN Acknowledgements



Your brain. Your life.



UNSW
SYDNEY



Thank you to our participants!



Your brain. Your life.



UNSW
SYDNEY

