

Healthy Brain Ageing

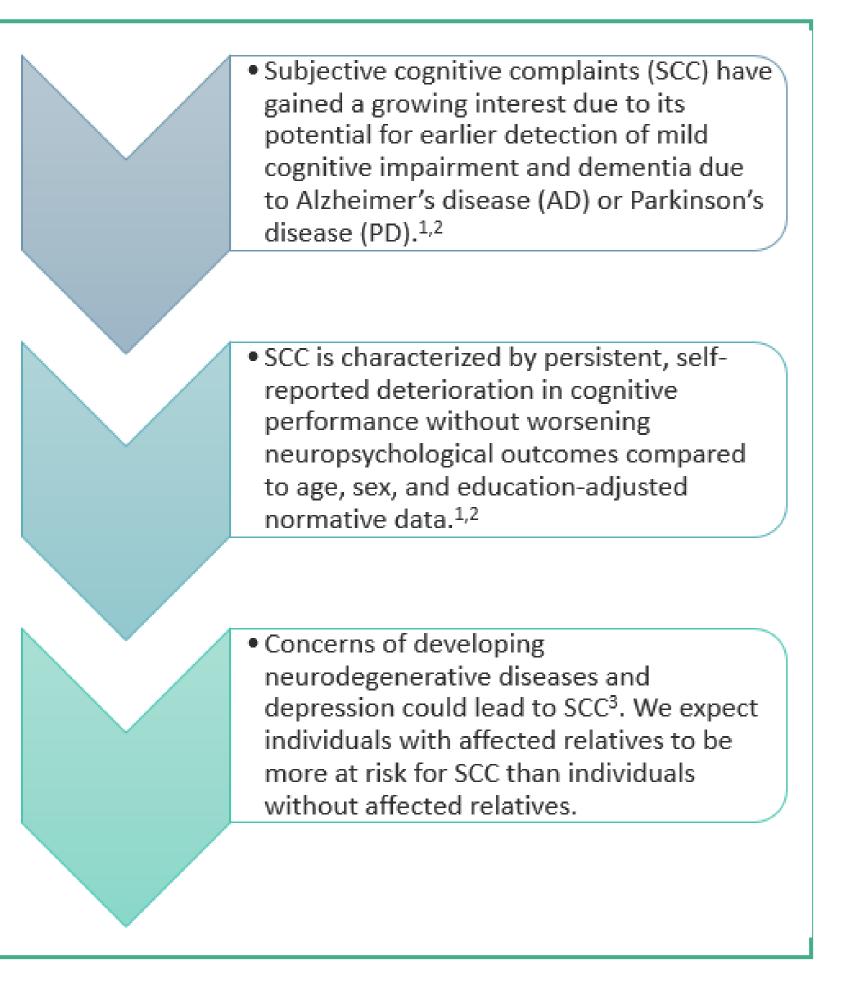
Subjective Cognitive Complaints in Participants of the Healthy Brain Ageing Study (HeBA)

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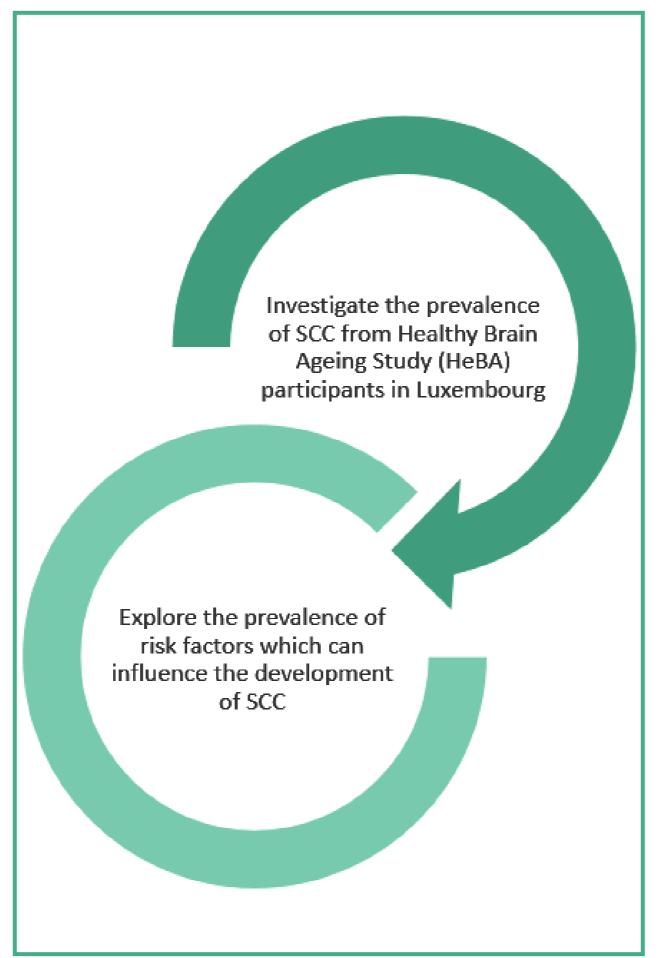
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NTRODUCTION



OBJECTIVES



METHODS



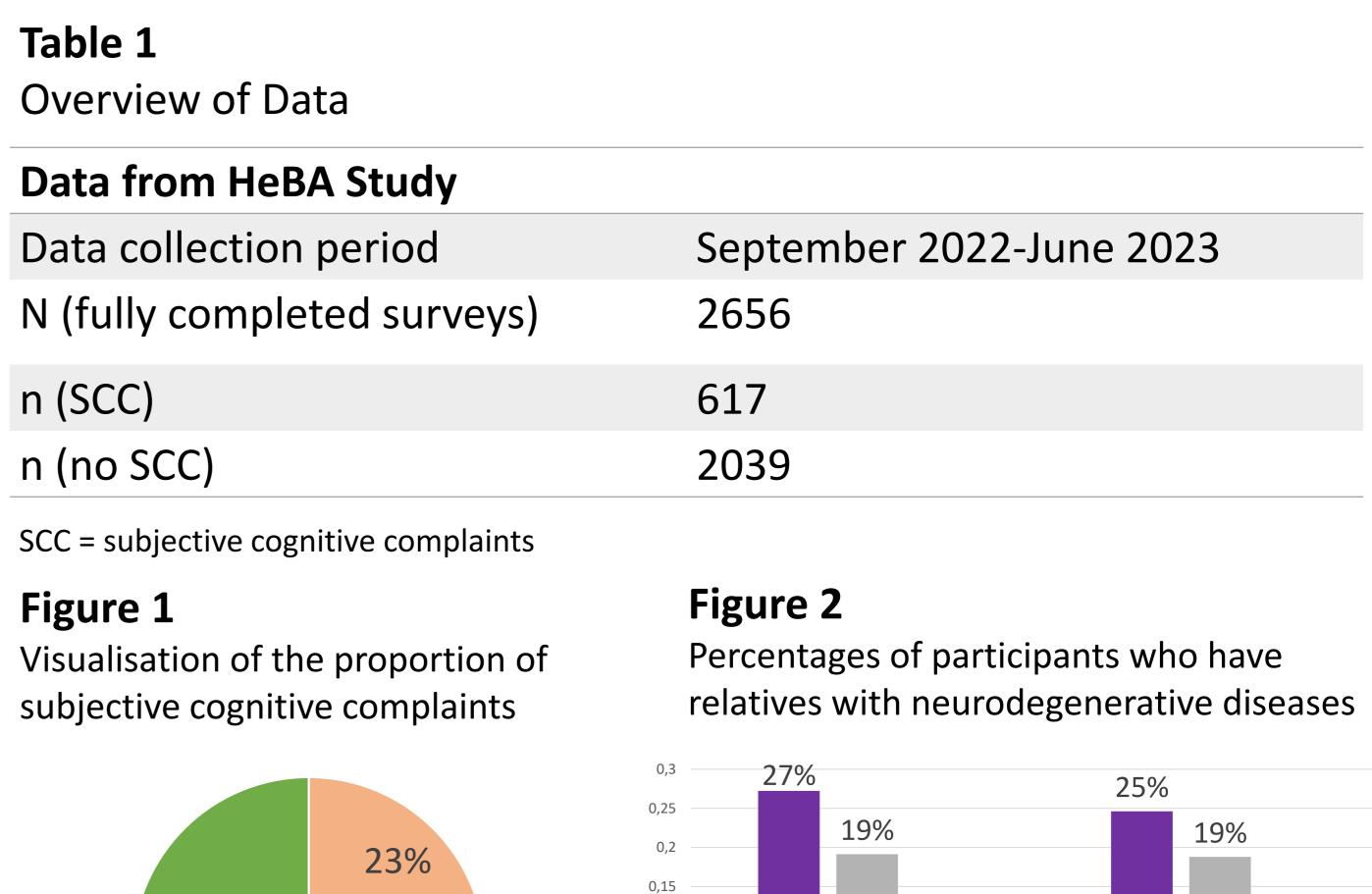
- As part of the HeBA initiative (Abstract 1957), residents aged between 50 and 80, living in Luxembourg and the Greater Region were invited to participate in the population-based online survey
- The online survey includes self-reporting questionnaires
 - whether they have/had or not a blood relative with PD or AD
 - Geriatric Depression Scale Short Form (GDS-SF)⁴
- SCC measured as a composite score (/3)

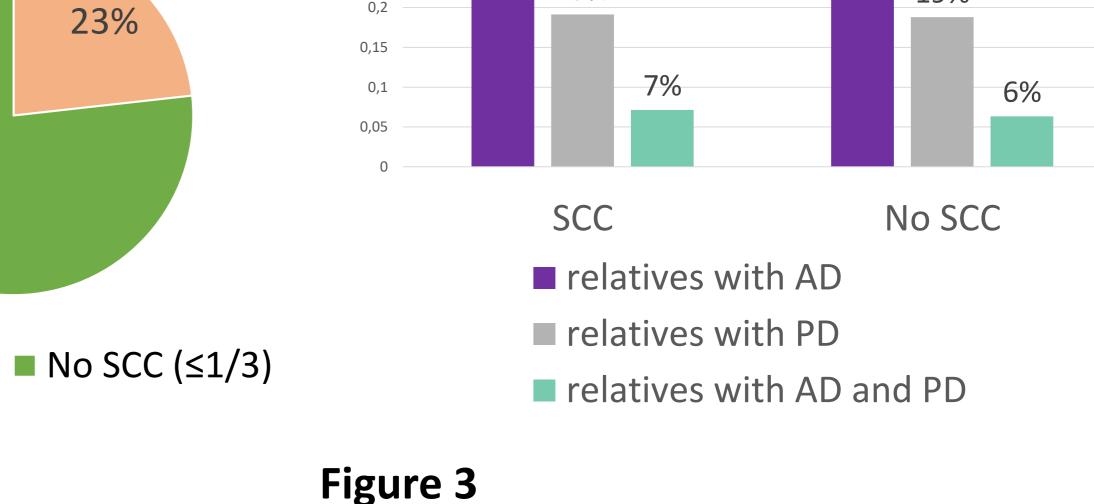
	Description	Max. score
Item on memory	whether they consider their memory as poor or even very poor compared to their peers	/1
Non-Motor Symptoms Scale ⁵	Item 12: Problems remembering things that have happened recently or forgetting to do things Item 15: Difficulty concentrating or staying focussed	/2
	Sum Score, cut-off score ≥ 2 for SCC	/3

RESULTS

77%

SCC (≥2/3)





Percentages of depression scores

Depression (GDS ≥ 6)

59,32%

40,32%

34,58%

As seen in the figures, 23% of the total sample report having subjective cognitive complaints. Both groups appear to have relatively similar percentages of relatives who have or had neurodegenerative diseases.

SCC

total sample

The SCC group have a higher percentage of depression scores than the other group.

CONCLUSIONS & OUTLOOK

Our data showed that 23% of the total sample reported having SCC according to the composite score. The percentage of depression was high in the total sample, with the SCC group having a higher percentage of depression scores. Interestingly, other studies revealed that depressed individuals are more likely to report cognitive complaints than non-depressed individuals⁶, as well as that SCC may relate more to depressive symptoms rather than objective cognitive impairment⁷. We seek to complete a deeper analysis and build a multi regression model for SCC and psychological well-being in participants of the HeBA study, as well as to assess objective cognitive impairments during in-person visits.



no SCC

Link to the survey and further information about the HeBA study

References

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