



Language and cognition in age-related hearing loss

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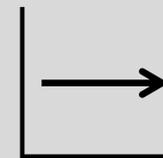
Cognitive skills in older adults typically decline – even in healthy ageing

Cognition



Language comprehension skills are typically argued to be relatively stable with age. However, this holds for *vocabulary* skills, but not for *complex sentences*

Vocab



Complex sentences



Older adults with age-related hearing loss show disproportional difficulties understanding spoken complex sentences – even when matched on cognitive skills

Normal hearing > hearing loss



Older adults with age-related hearing loss show different neural activation patterns compared to individuals without hearing loss when processing complex sentences

