Discussion and Outlook

Developmental trajectory of NAD learning

- While 36-month-olds do not learn NADs under passive listening conditions, preliminary data suggest that 12- and 24-month-olds do learn in the linguistic domain.

There seems to be a developmental shift away from NAD learning under passive listening conditions at the age of 36 months in the linguistic domain.

Domain-generality/specificity of NAD learning

So far, no evidence for learning in 12-, 24-, or 36-month-olds in the non-linguistic domain.

This developmental shift seems to be specific to language.

Outlook

- In order to see whether these EEG results on language correlate with any other cognitive developmental aspects, EEG data will be correlated with standardized tests and eyetracking.

- Which specific stimulus properties drive domain specificity of NAD learning?

- Which learning conditions lead to more controlled NAD learning in 12-, 24-, or 36-month-olds?

References


