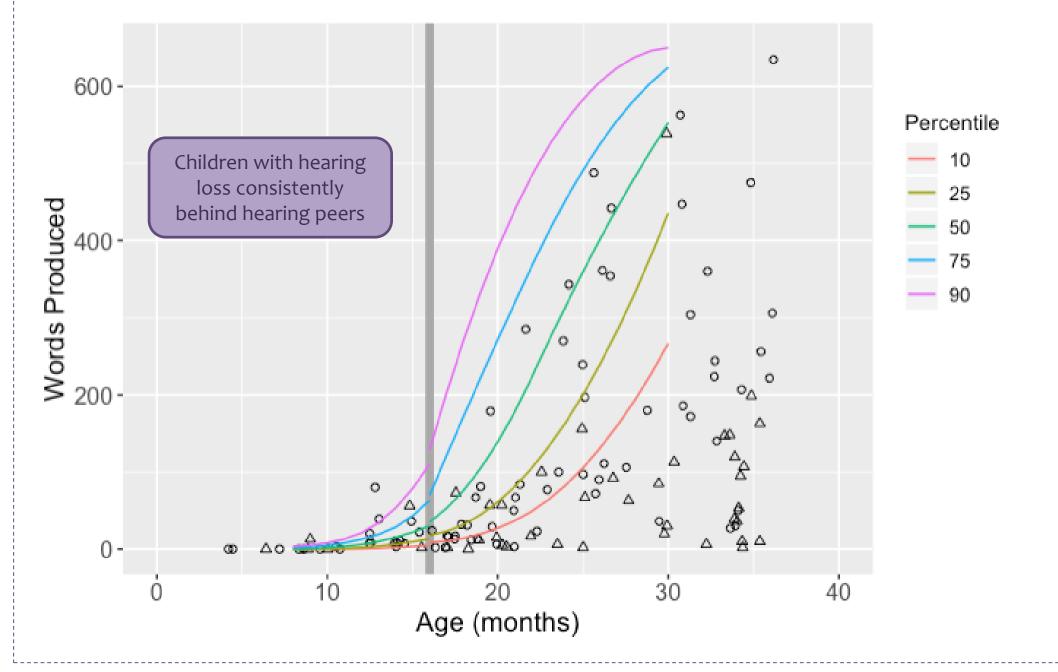
Predicting Spoken Language Outcomes in Children with Hearing Loss: It's Complicated Erin Campbell and Elika Bergelson | Department of Psychology & Neuroscience, Duke University

BACKGROUND

- 2-3 of 1,000 children are born with detectable hearing loss¹
- Considerable variability in language outcomes for children with hearing loss²



Research Question:

What factors influence vocabulary size in children with hearing loss?

METHODS

- Participants: 81 children receiving early intervention services for hearing loss in North Carolina
- Collected clinician reports:
 - demographic information intervention records
 - language assessments
 - **CDI scores** (parent-report vocabulary measure)
- Analyzed 17 predictors of receptive and productive vocabulary: stepwise AIC model selection

Understood

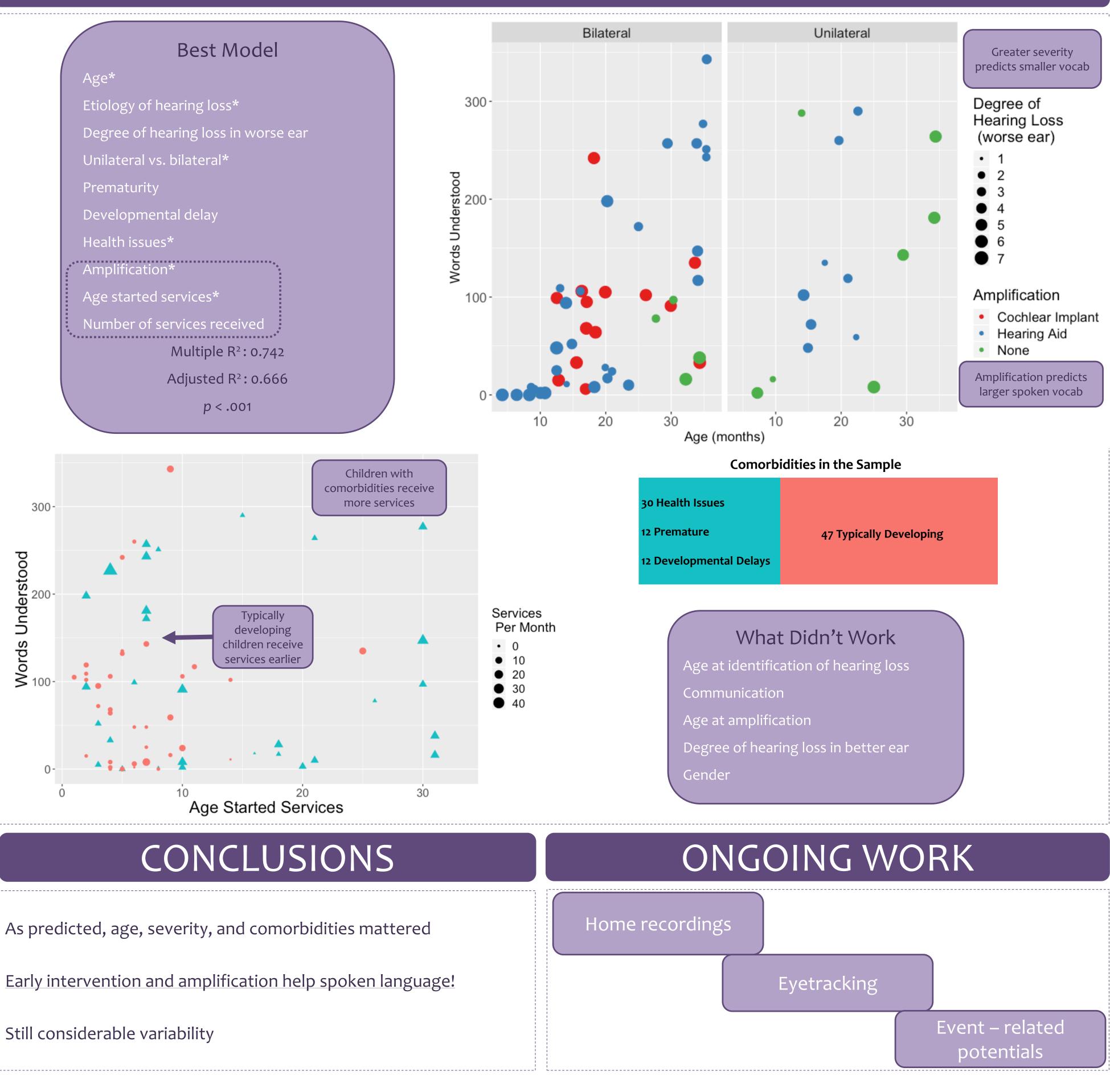
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References

¹Centers for Disease Control and Prevention (CDC). Identifying infants with hearing loss - United States, 1999-2007. MMWR Morb Mortal Wkly Rep. 59(8): 220-223. ²Pisoni, D. B., Kronenberger, W. G., Harris, M. S., & Moberly, A. C. (2018). Three challenges for future research on cochlear implants. World journal of otorhinolaryngology - head and neck surgery, 3(4), 240–254. doi:10.1016/j.wjorl.2017.12.010





Eyetracking	
	Event – related potentials