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

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

As predicted, age, severity, and comorbidities mattered
Early intervention and amplification help spoken language!
Still considerable variability

What Didn’t Work
- Age at identification of hearing loss
- Communication
- Age at amplification
- Degree of hearing loss in better ear
- Gender

CONCLUSIONS

What didn’t work
- Age at identification of hearing loss
- Communication
- Age at amplification
- Degree of hearing loss in better ear
- Gender

ONGOING WORK

Home recordings
Eyetracking
Event-related potentials

References