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## Using Spoken Stories to Measure Listening Engagement in Children

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People with hearing loss often experience effort while listening to speech. Despite the importance of motivation in speech comprehension, current studies of listening effort use disconnected, uninteresting listening stimuli. If listeners are not motivated to engage with listening, then the measure of listening effort obtained may not be representative of real-world listening. I plan to use spoken stories as listening materials to gain an ecologically valid, continuous measure of listening engagement in children. Children with normal hearing aged 9-12 will listen to a story while engaging in a secondary task requiring quick response to a visual stimulus. The more engaged a child is in the story, the fewer cognitive resources available to attend to the secondary task, and the longer they will take to respond. Reaction times will be combined across participants to index engagement across the story, providing the first continuous measure of listening engagement in children.