

# **Developmental aspects of informational masking**

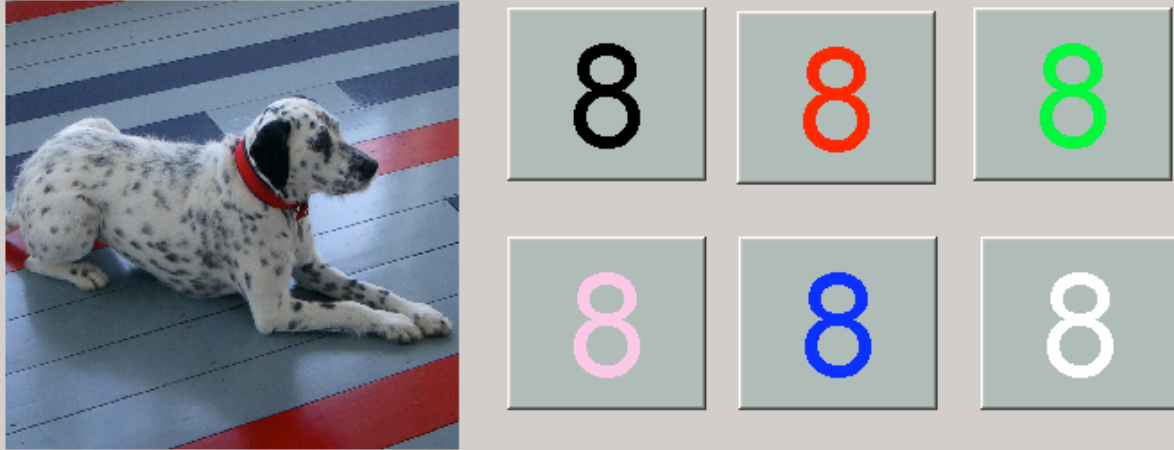
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# Listening to speech in 'noise'

The listener hears a phrase like: 'Show the dog where the red 8 is.' and selects the colour heard.

ResponsePad



Bouncy



in quiet



in steady speech-shaped noise



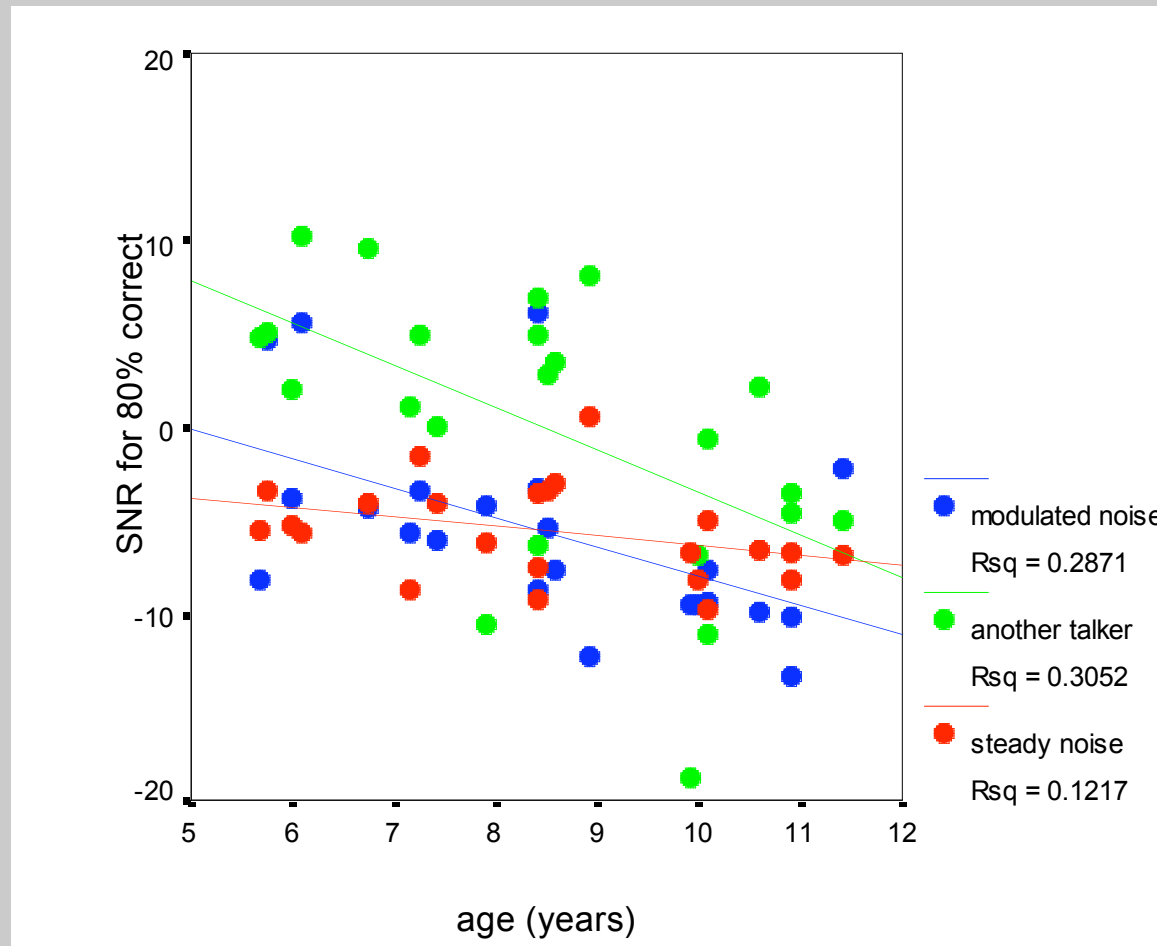
against a single talker

in speech-shaped noise modulated by the envelope of a single talker



# Testing children (6-11 y.o.) in an adaptive procedure varying SNR to obtain 80% correct

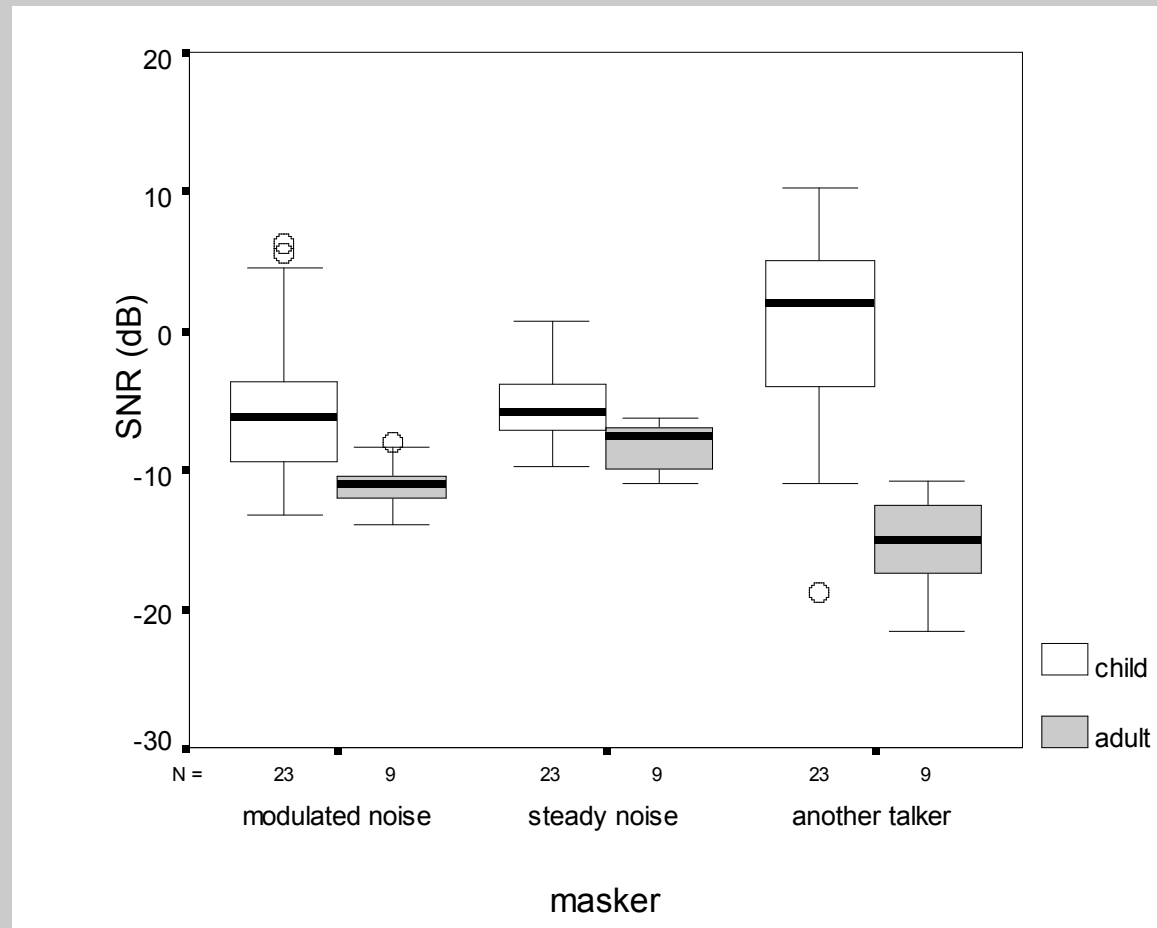
↓ better performance



From the BSc thesis of Judith Barwell, 2006

# Testing children & young adults

↓ better performance



From the BSc thesis of Judith Barwell, 2006

Through development, children improve their performance with dynamic maskers much more significantly than they do for steady-state maskers