

PREDICTIVE BRAIN MECHANISMS FOR SPEECH PERCEPTION

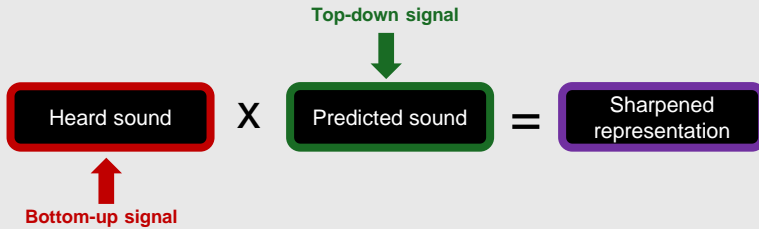
Connor Doyle and Ediz Sohoglu, University of Sussex, Brighton, UK

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1. How are predictions combined with sensory input?

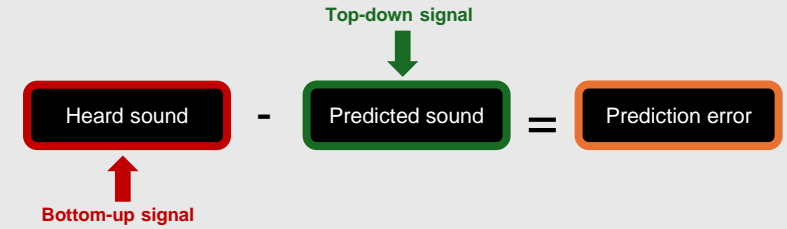
1) Sharpened signal

(McClelland et al. 2014)

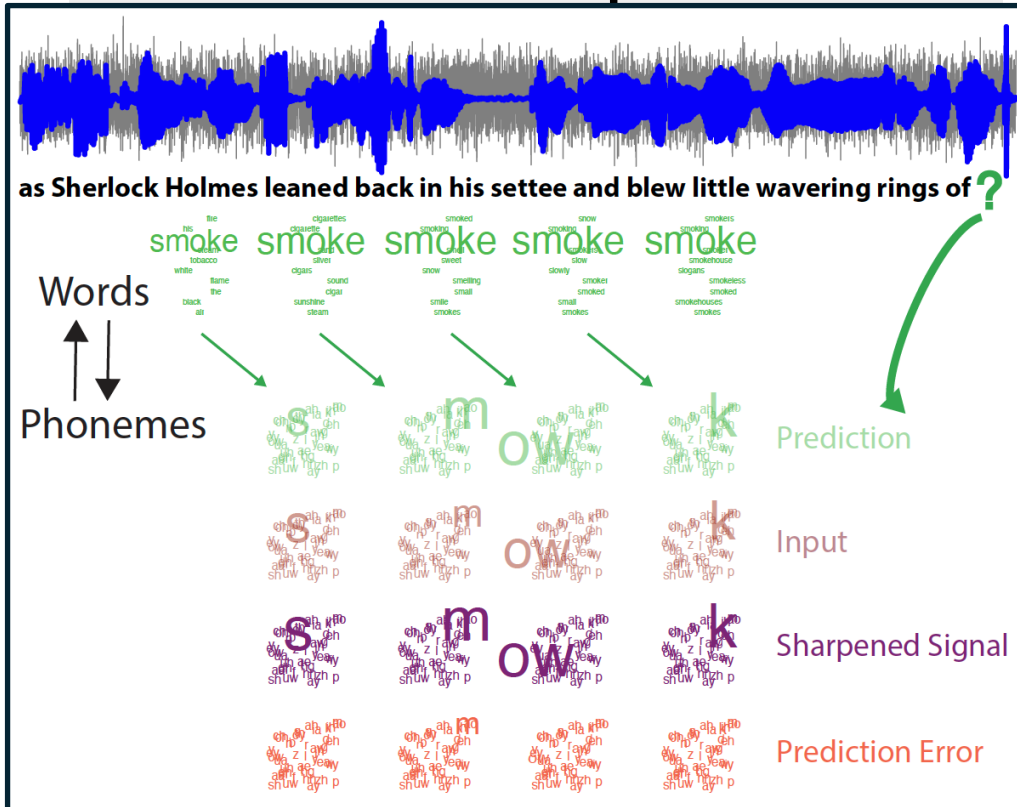


2) Prediction errors

(Rao & Ballard 1999)



2. Stimulus and computer models



3. EEG (N=56)



4. Testing models against EEG

