

WHEN PREDICTION ERRS: EXAMINING THE BRAIN DYNAMICS OF ALTERED SALIENCY IN SELF-VOICE PERCEPTION

Suvarnalata Xanthate Duggirala^{1,2}, Maria Amorim², Michael Schwartz¹, Sonja A. Kotz¹, & Ana P. Pinheiro²

¹Department of Neuropsychology and Psychopharmacology, Faculty of Psychology and Neuroscience, Maastricht University, Maastricht, Netherlands;

²Faculty of Psychology, University of Lisbon, Lisbon, Portugal

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Research question: How does a change in self-voice quality (as it changes from neutral to angry) affect sensory feedback to self- and externally generated voices?

Voice recordings

- N=17 (healthy young adults)
- ah and oh vocalizations
- neutral and angry



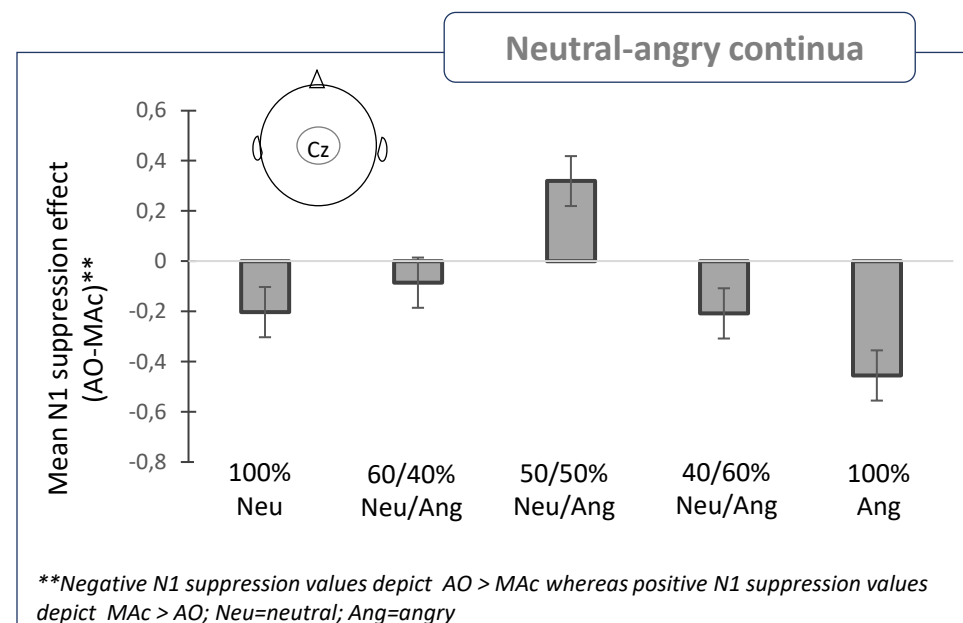
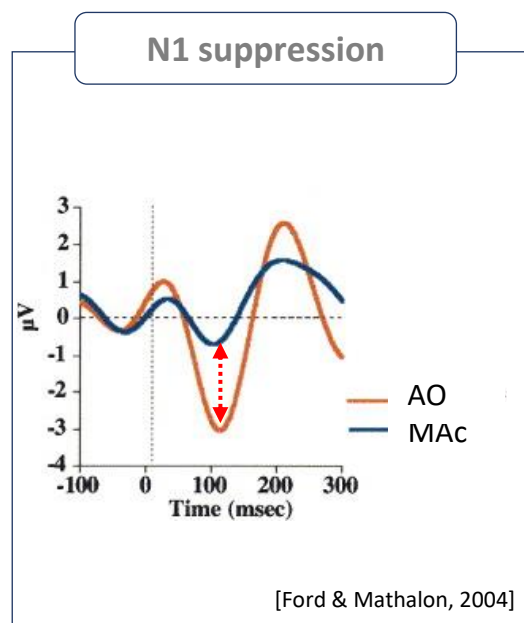
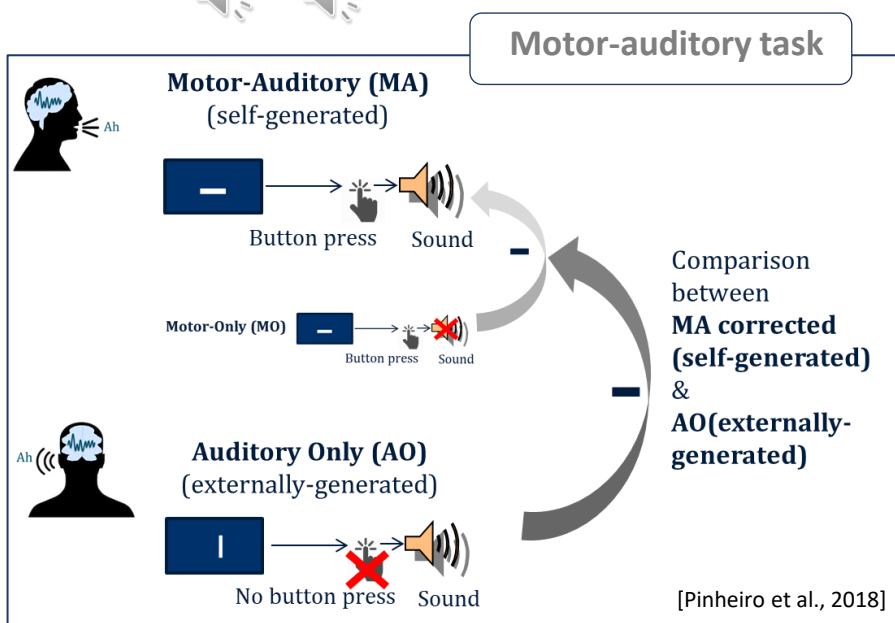
Stimulus generation

- neutral to angry continua (STRAIGHT software)



EEG acquisition

- motor-to-auditory prediction task



Conclusion: Sensory suppression varies as a function of the **perceived salience** of the auditory feedback that does not match the prediction. These findings further substantiate the intricate **link between emotion and sensory prediction**.