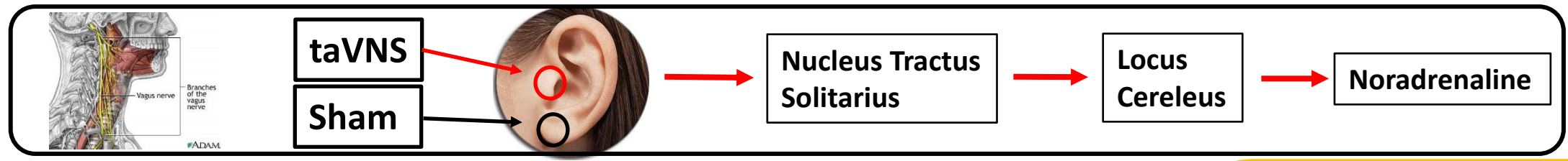


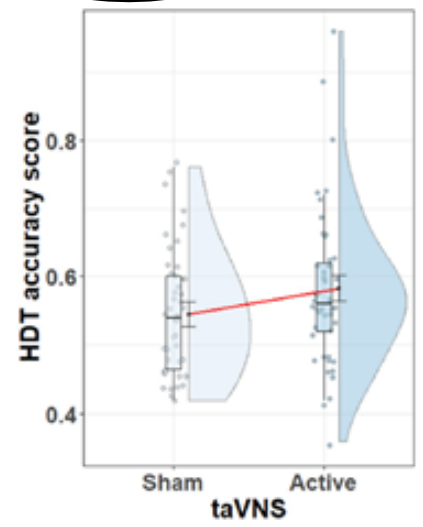
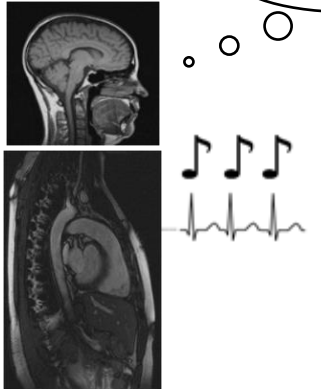
The Interoceptive Self: Transcutaneous vagus nerve stimulation (taVNS) as a new tool to investigate heart-brain interactions (Grant 88/16)

Valerio Villani, Manos Tsakiris, Ruben T Azevedo



Q1: Does taVNS modulate the ability to consciously perceive interoceptive signals?

Are the tones in sync or out of sync with your heartbeat?

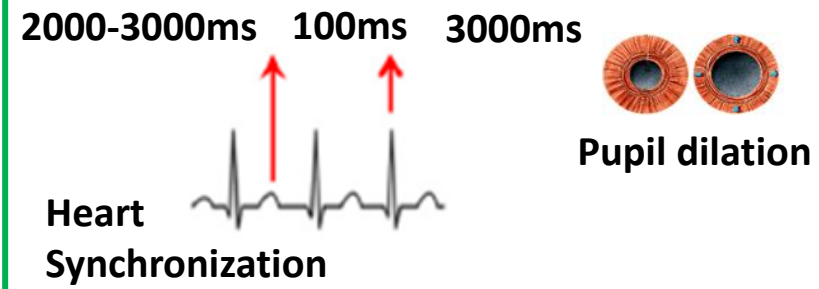
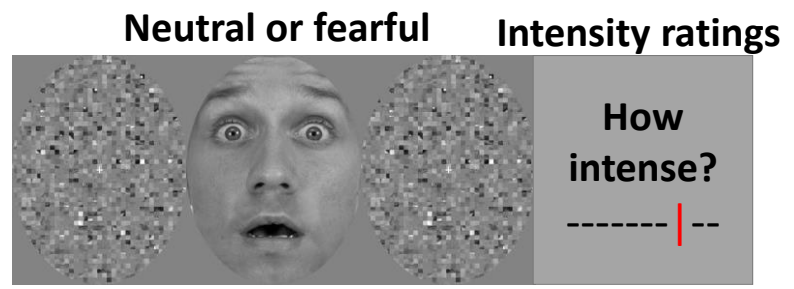


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Transcutaneous vagus nerve stimulation improves interoceptive accuracy

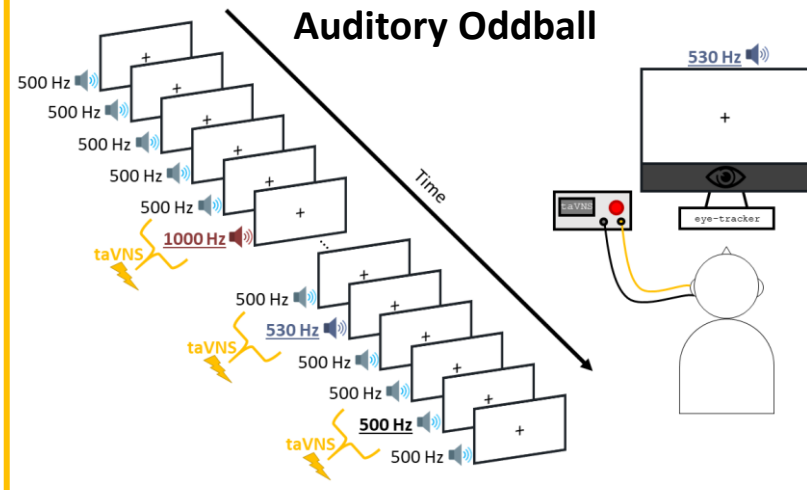
V. Villani^a, M. Tsakiris^{a,b}, R.T. Azevedo^{a,b,c,*}

Q2: Does taVNS modulate the influence of interoceptive signals on emotional processing?



Results?
Come to the poster

Q3: Do short-burst of event-related stimulus-locked taVNS deliver effective stimulation?



3 seconds event-related Active and Sham randomized taVNS

Results?
Come to the poster