

Assessing the EEG response to noise tagging in RIFT

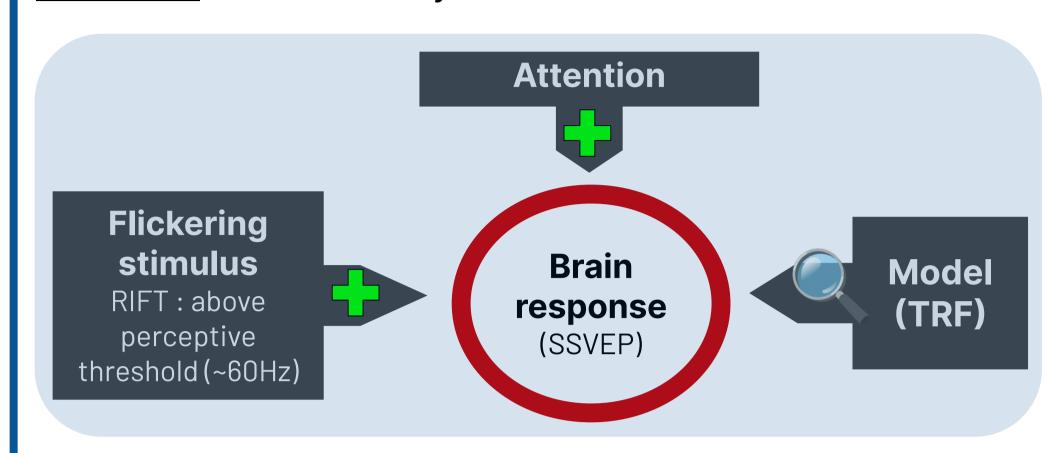
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Applied Data
Science

AttentionLab

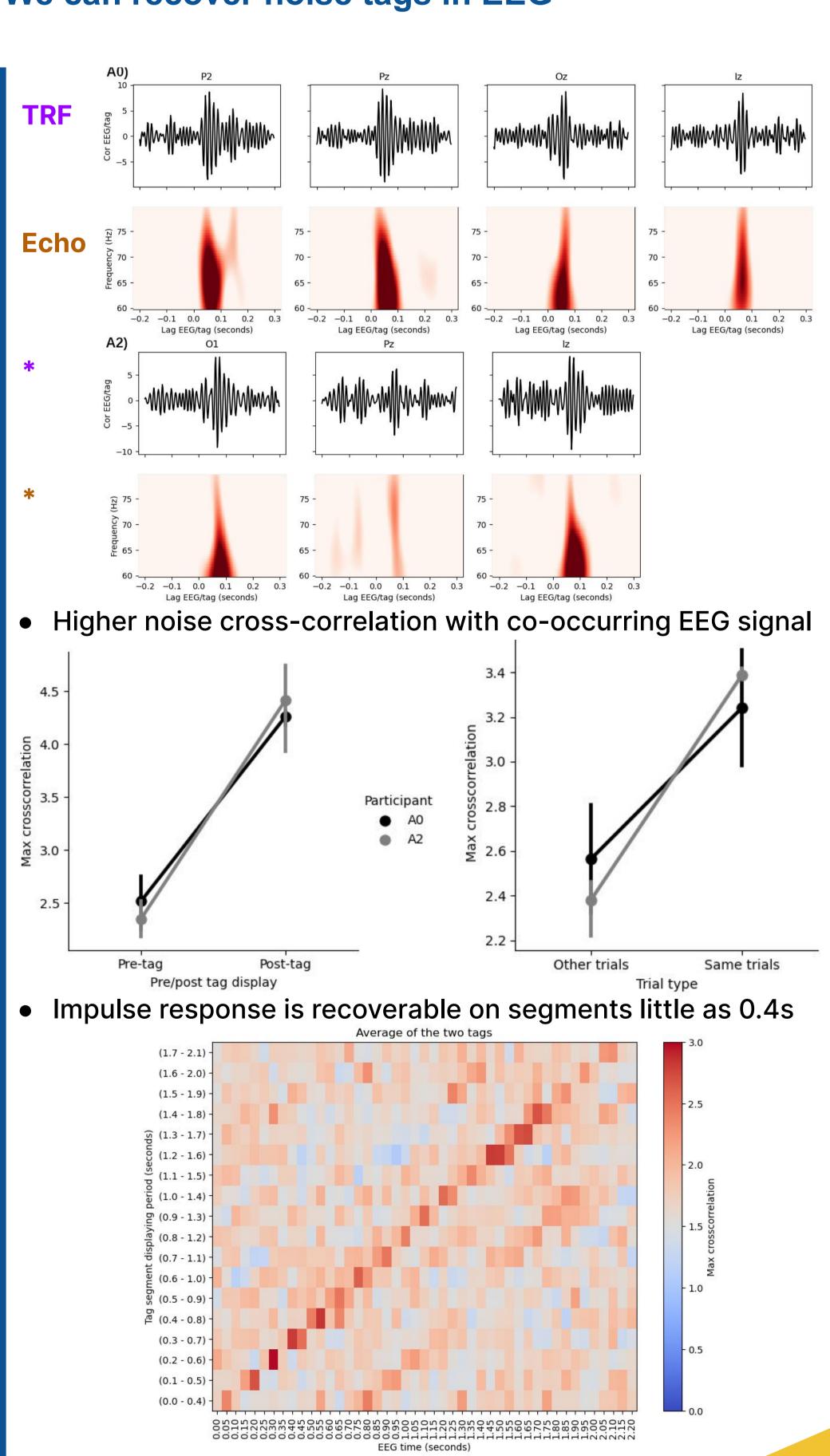
Introduction

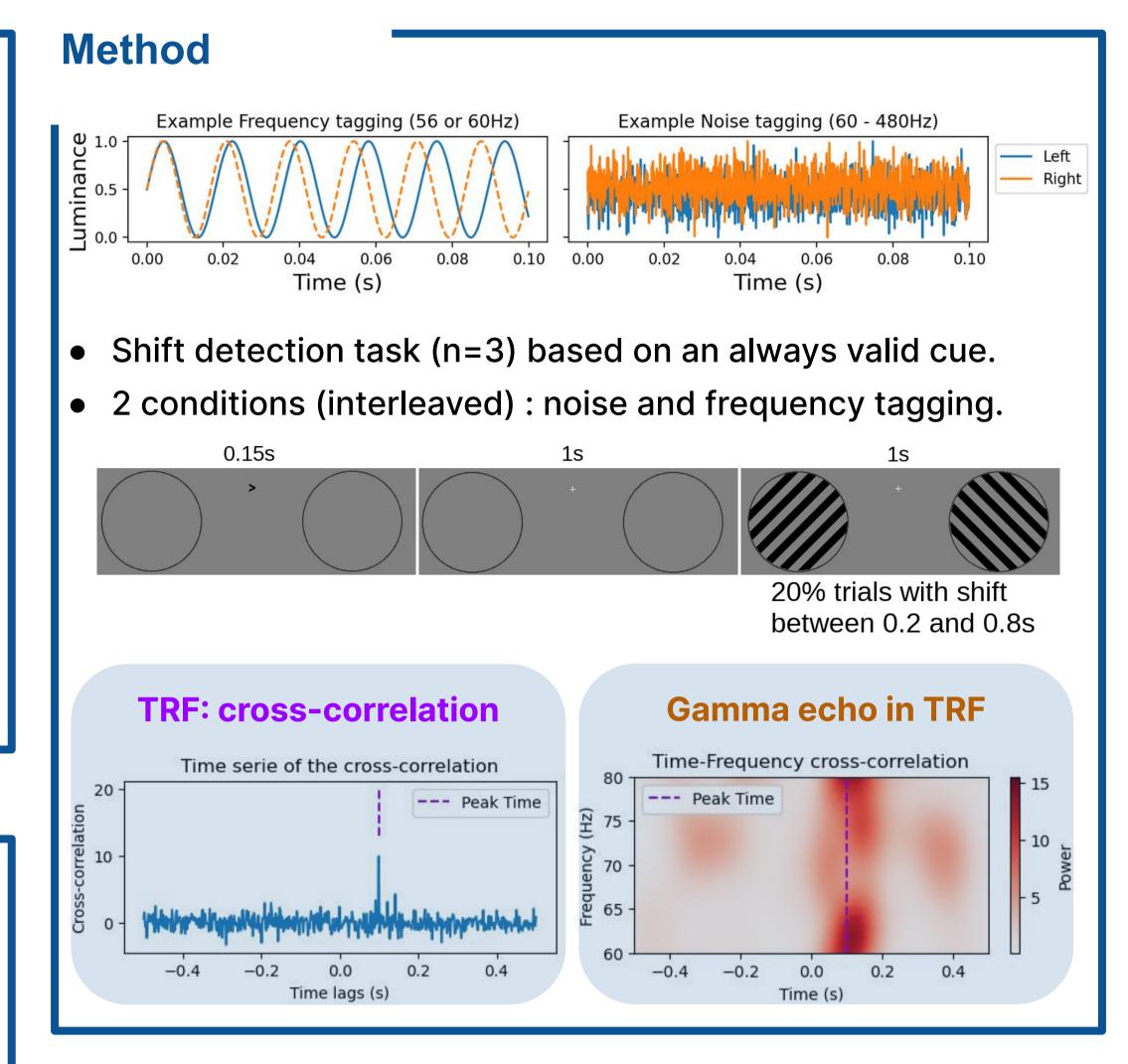
Relevance: a broader way to track visual attention.



Question: Can we inject unique noise sequences to increase the number of usable tags within the brain response range (up to 64Hz)?

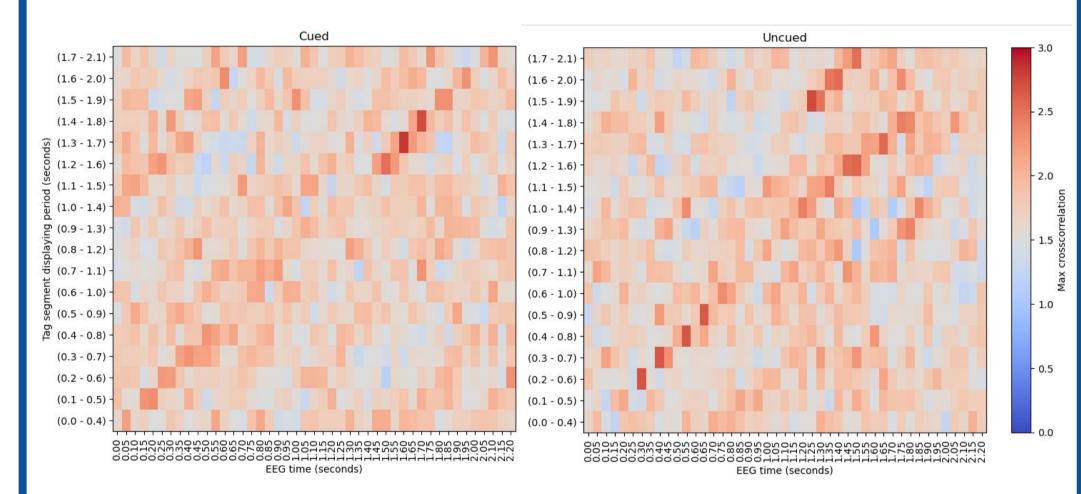
We can recover noise tags in EEG



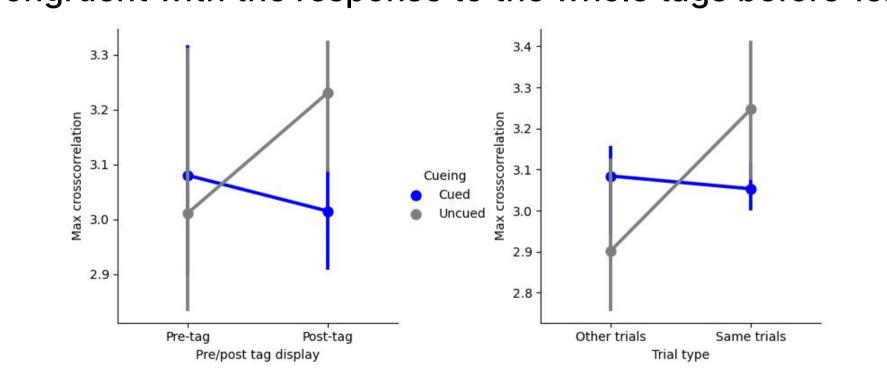


Some evidence for attention tracking

 No attentional effect might reflect true attentional behavior: attention on cued after gratings onset, on uncued before.



• Congruent with the response to the whole tags before 1s.



Experiment 2: cueing refinement

