

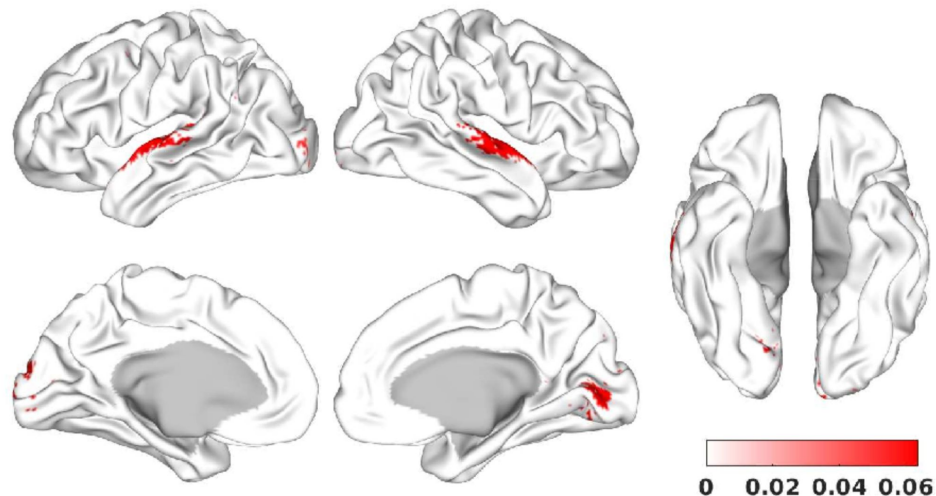
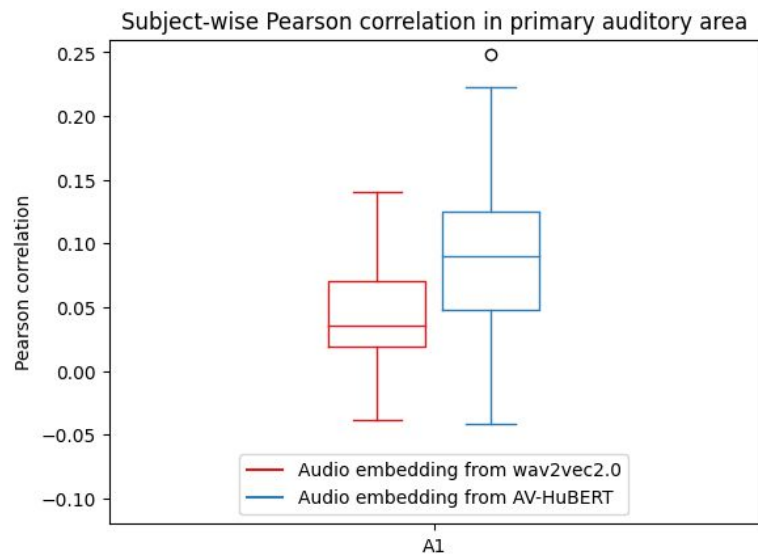
# Audio-visual integration in neural network and human brain

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- What
  - Exploring concordance of activation patterns between multimodal neural networks and human brains in response to audio-visual stimulus
- Why
  - Existing literatures primarily focus on the correlation between unimodal neural networks and human brain activity patterns
  - However, human perceive the world in a multimodal fashion
- How
  - Audio-visual HuBERT v.s. Wav2vec 2.0 (audio only)
  - Linear voxel-wise encoding model



# Preliminary results



For more details, come to poster #389