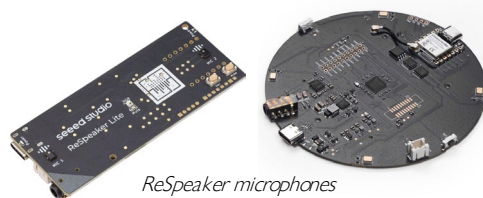


Towards Interpretable Depression Detection: Linking Acoustic Features to DSM-5 Indicators

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Depression indicators (DSM-5, ICD-10)



ReSpeaker microphones

MENTAL HEALTH

- Depression is among the main causes of disability around the world.
- Limited diagnostic methods: subjectivity and unreliable.

CONTRIBUTIONS

- **Interpretable linkage framework** mapping acoustic speech features with DSM-5 depressive behavior indicators
- **Privacy-preserving edge design**
- Preliminary evaluation on the DAIC-WOZ dataset

