

Silence

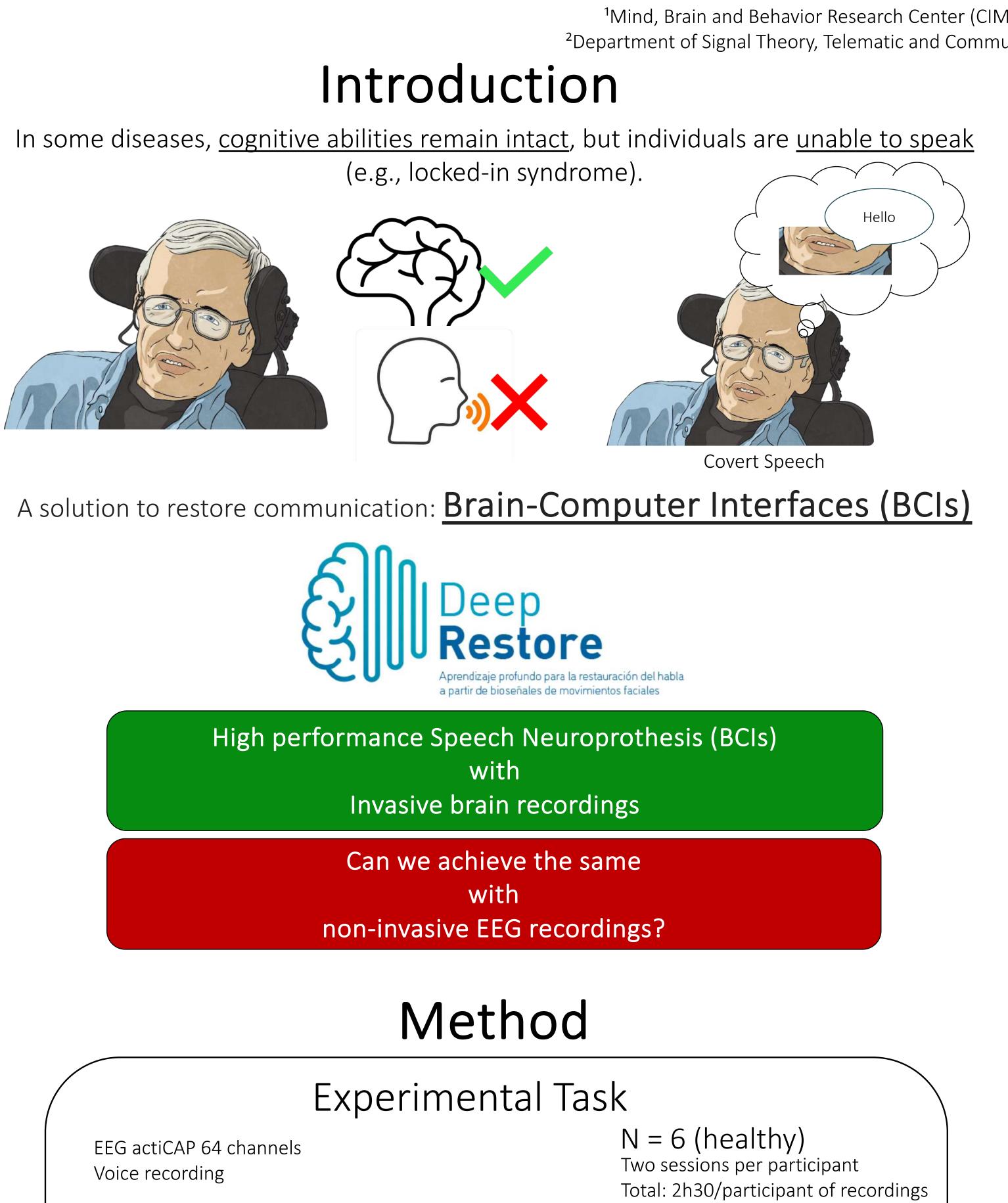


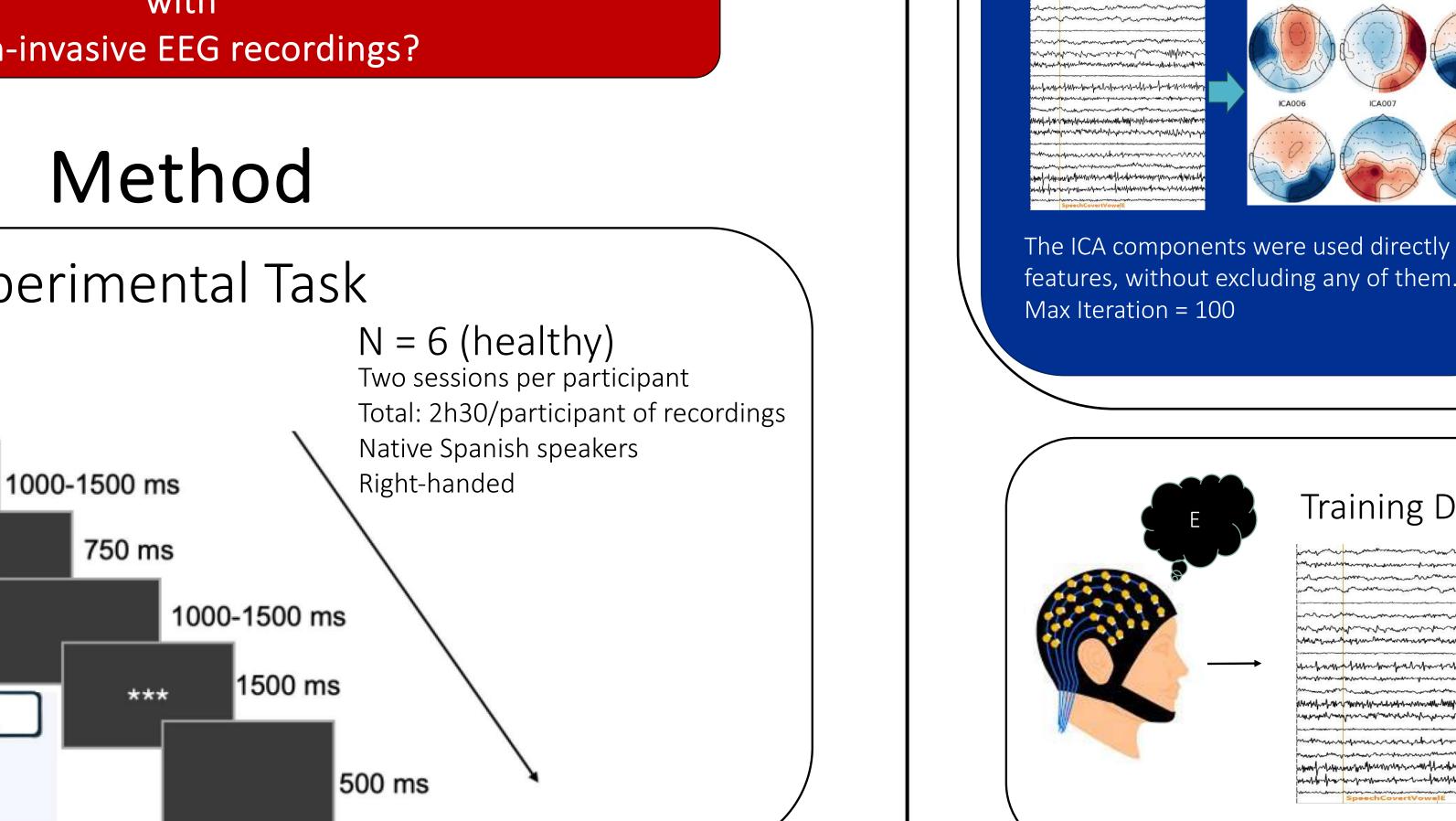
INVESTIGATING THE FEASIBILITY OF USING NON-INVASIVE EEG SIGNALS TO DEVELOP A SPEECH NEUROPROTHESIS

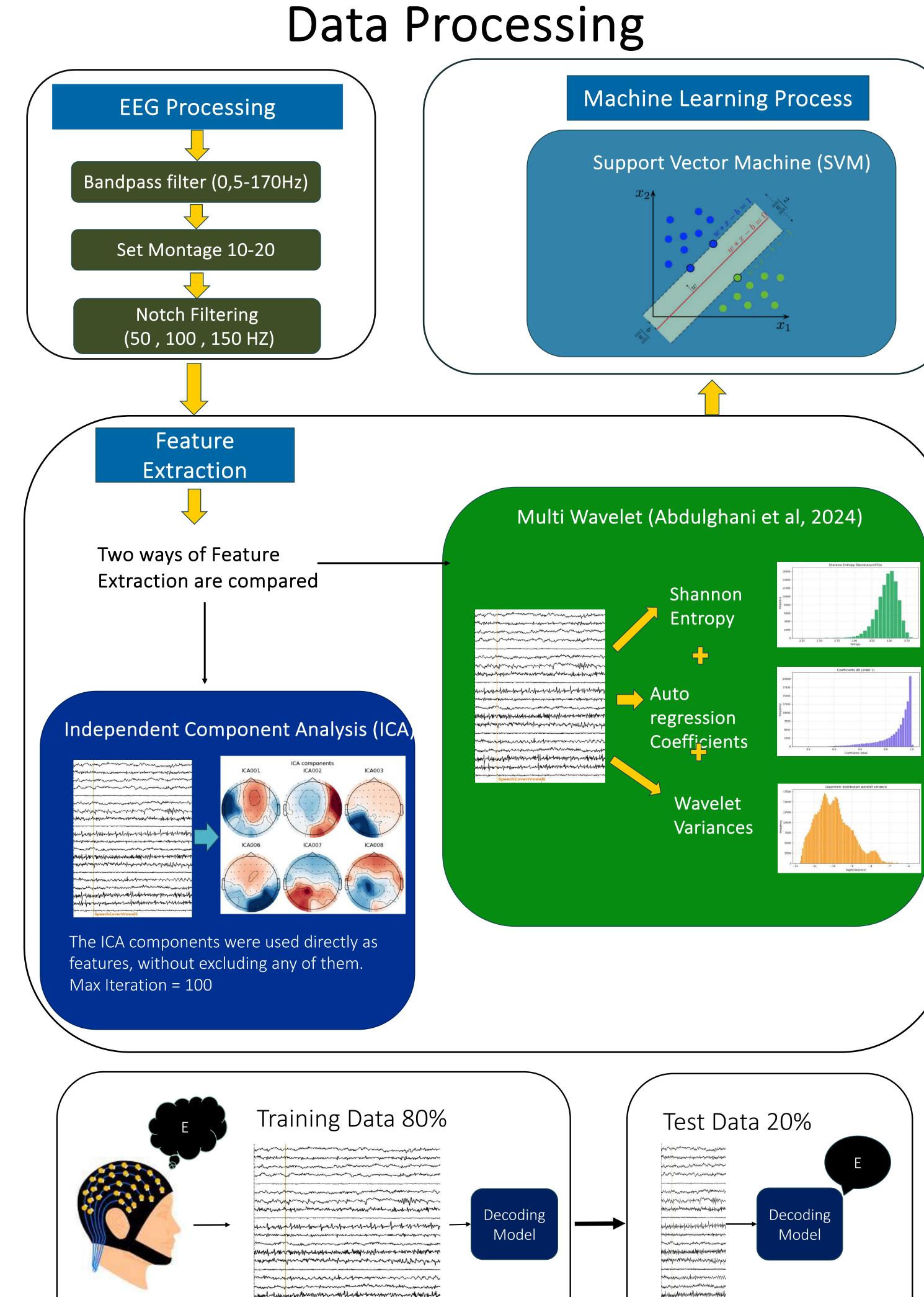
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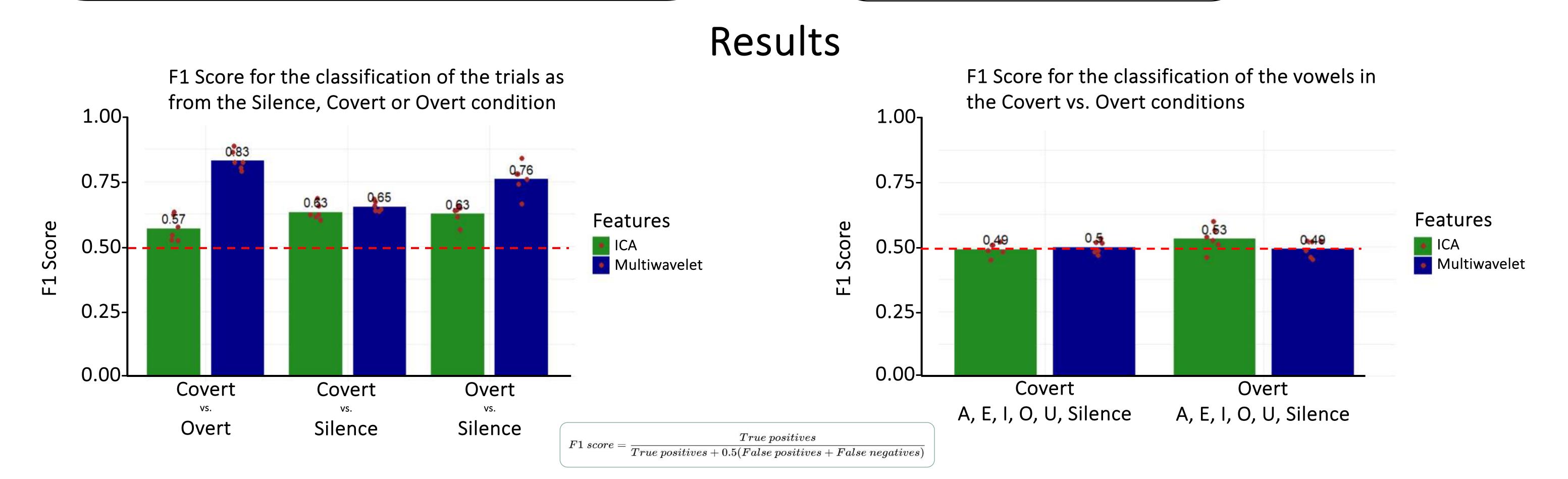
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Conclusions

- Identification of linguistic content (Overt vs. Silence vs. Covert classification).
 - Feature extraction methods: Multi-Wavelet > ICA.
 - Unable to decode specific vowels.
- For future research, we will compare performance using Deep Learning models for the classification process.

References