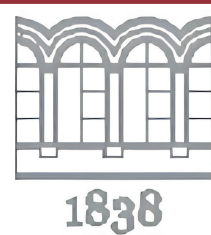


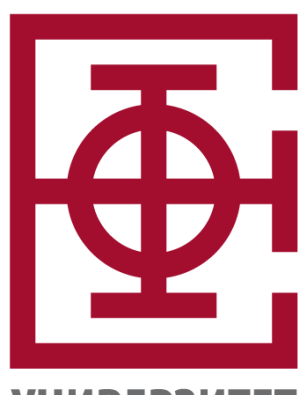


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ABOUT THE PROJECT

The ReadTREAT project aims to implement the best practices of unobtrusive and contactless multimodal biosignal acquisition and analysis (including eye movement and stress data) to develop data-driven computer-aided tools for early reading difficulties recognition, treatment, and evaluation. It will be the first project to incorporate an assortment of text visualization strategies, as well as multimodal biosignal measurements through both a cross-sectional and a longitudinal study.

IMPACT

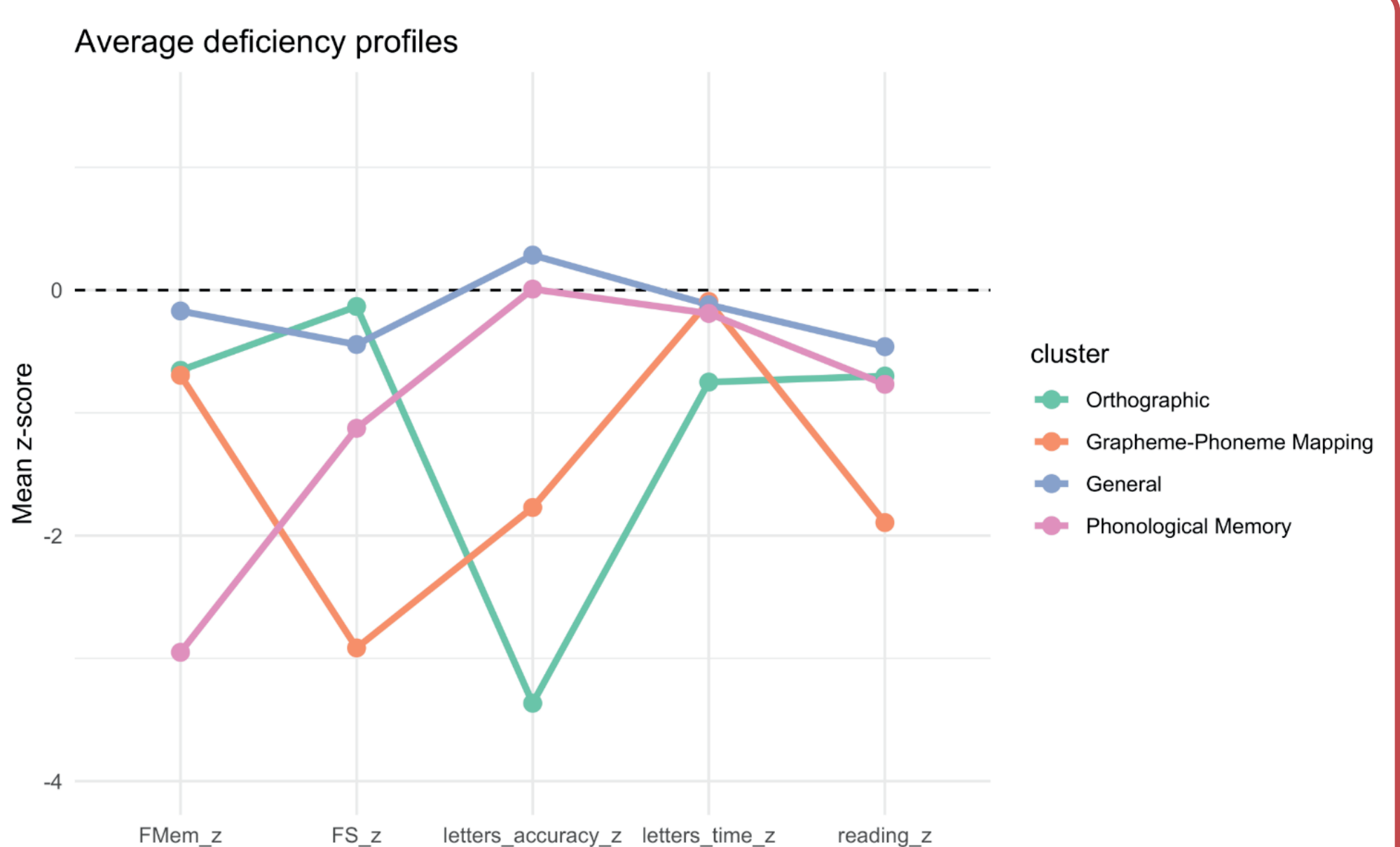
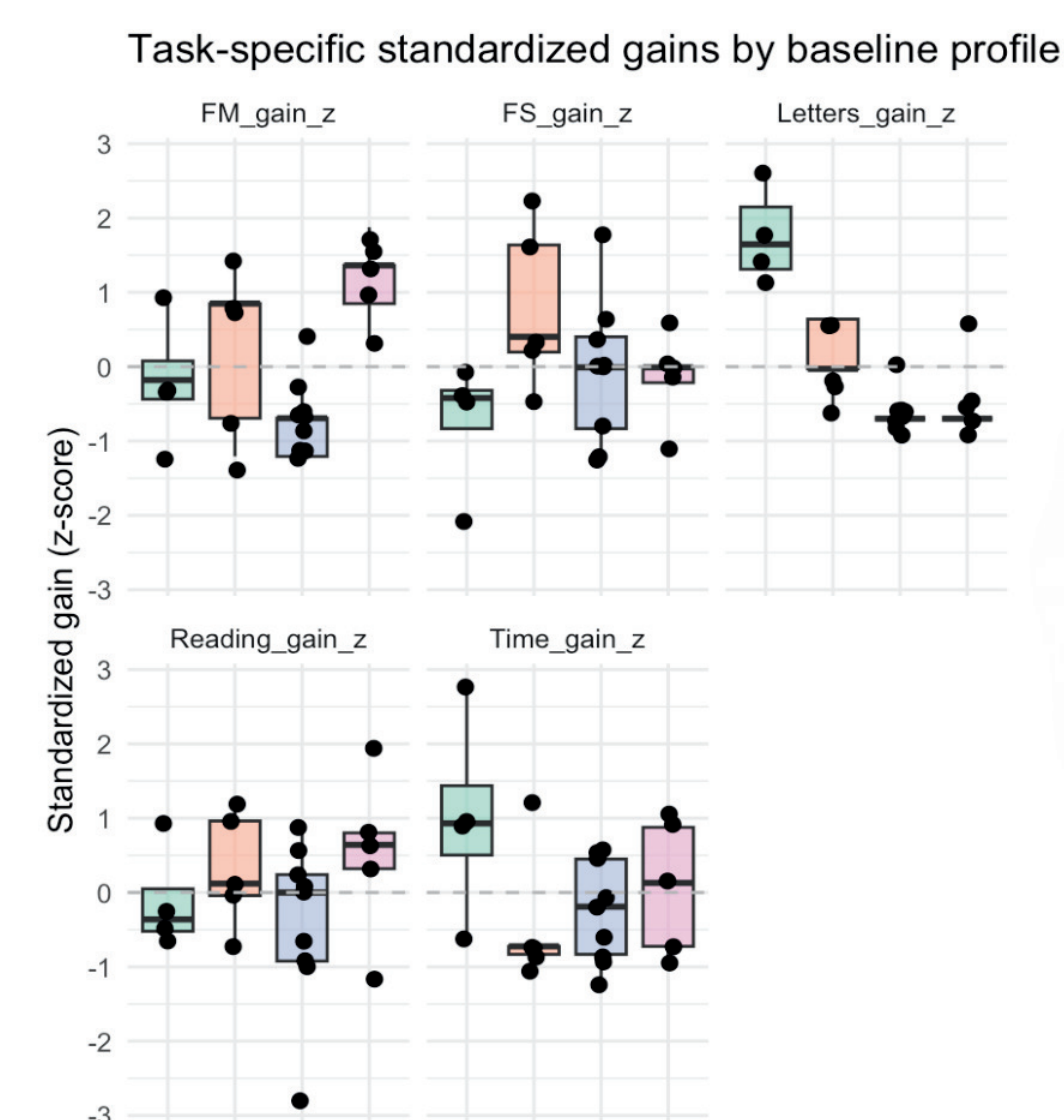
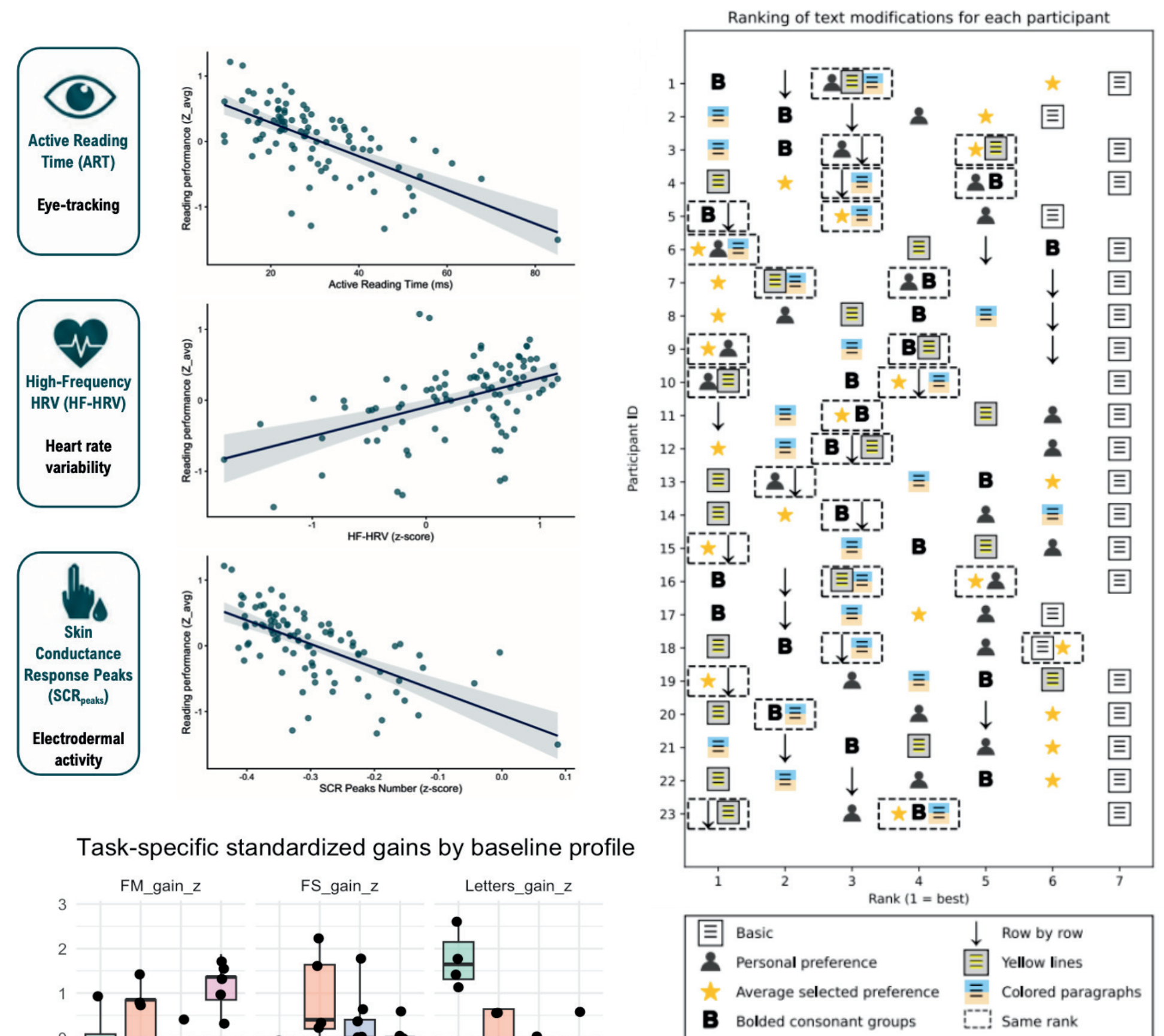
Facilitating early identification of reading difficulties minimizes the long-term academic and social ramifications of these conditions, fostering inclusivity within educational settings.

KEY RESULTS

Eye tracking and biometric parameters provide insights into reading outcomes that behavioural measures cannot capture.

Personalised reading settings can enhance reading efficacy, but there is no “one-size-fits-all” solution.

Group reading treatments are effective for treating domen-specific deficiencies.



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