



Deborah N. Jakobi<sup>1</sup>, Maroš Filip<sup>2</sup>, Ramunė Kasperė<sup>3</sup>, Nora Hollenstein<sup>4,1</sup>, Lena A. Jäger<sup>1,5</sup> and the MultiEYE Team

<sup>1</sup>University of Zurich; <sup>2</sup>Czech Academy of Sciences; <sup>3</sup>Kaunas University of Technology; <sup>4</sup>University of Copenhagen; <sup>5</sup>University of Potsdam

**Multilingual eye-tracking-while-reading corpus** with healthy, adult, L1 readers collected in a large-scale international multi-lab effort (currently 20+ languages)

- **Consistency:** The experiment design and data pre-processing pipeline is consistent across languages and collection sites to enable optimal cross-language comparison and flexible use of the data.
- **Quality Reports:** We develop novel standards for data quality evaluation and documentation.
- **Open Access:** We are establishing an entirely open source pipeline for eye-tracking data that ensures transparency and reproducibility, and allows for merging data sets recorded with different hardware. All data, software, protocols and meta-data will be made available via the **MultiEYESTore** (hosted by PsychArchives).
- **Diversity:** Enable maximal diversity wherever possible, e.g. only little restrictions on eye-tracking devices, or the possibility to contribute additional datasets testing different populations or using different stimuli or methods.

## Experiment preparation

## Experiment creation

## Experiment implementation

## Experiment pilot

## Data collection

## Data review

## Data sharing

**Interested in joining?**  
The flowchart shows how you can contribute to the data collection!

**You would like to contribute to the experiment implementation or the data pre-processing?**  
Contact [multipleye@cl.uzh.ch](mailto:multipleye@cl.uzh.ch) to find out how you can help!

**You don't have an eye tracker but access to an understudied language?**  
Contact us: [multipleye@cl.uzh.ch](mailto:multipleye@cl.uzh.ch)!

**You are interested in contributing a sample?** Contact Ramunė Kasperė: [ramune.kaspere@ktu.lt](mailto:ramune.kaspere@ktu.lt)

