Google Research

Multiple sclerosis research at Google

Our vision

Improve health outcomes for patients of multiple sclerosis (MS) and enable better symptom tracking out of clinic, with an accessibility-first platform design.

MS Signals app

We developed and tailored the MS Signals app to enable better symptom tracking out of clinic. We released improvements to a HIPAA-compliant platform, on which the app is built. The platform will enable clinicians or researchers to:

- Conduct their own studies.

- Collect improved and inclusive patient data:

  - Focus on accessibility in app design

  - Available on iOS and Android, leading to reliable data cross-platform

How to get involved

- Find the open-sourced codebase here for the app platform
- For questions or collaborations: ms-signals-uxr@google.com
- More about the work of Google's Responsible AI team
- The Google Research blog

Publications

- Performance of Machine Learning Models for Predicting High-Severity Symptoms in Multiple Sclerosis

- Disability prediction in multiple sclerosis using performance outcome measures and demographic data