Canadian Biomarker Integration Network in Depression

The Canadian Biomarker Integration Network in Depression (CAN-BIND) has released new data from its foundational study to identify biomarkers that predict treatment response in people with Major Depressive Disorder. The updated dataset now includes longitudinal data from participant follow-up visits in weeks 2 to 8 of the study (Phase 1). It also includes new clinical assessments and neuroimaging data. All data have been standardized, cleaned and curated to maximize utility for analysis across different data modalities, and imaging data was converted to a BIDS-friendly naming convention.

323 participants (211 with MDD, 112 controls)   **6 clinical sites across Canada**

Data modalities included:

- Symptom Severity
- Life Experiences
- Cognition
- Activity and Sleep
- Anhedonia
- Quality of Life
- Traits
- Functional Impairment
- Neuroimaging Data

All data included in the baseline release will still be available in this updated version.
Data from participant follow-up visits in weeks 10 to 16 of the study (Phase 2) coming soon.

Explore the data at braincode.ca

The Canadian Biomarker Integration Network in Depression (CAN-BIND) is a national program of research and learning, carried out in partnership with the Ontario Brain Institute. The network includes persons with lived experience, caregivers, researchers, healthcare providers, government agencies, industry partners, and mental health advocates who are working together to achieve mental wellness for all Canadians.

The Ontario Brain Institute (OBI) is a provincially funded, not-for-profit organization that accelerates discovery and innovation, benefiting both patients and the economy. Our collaborative 'team science' approach promotes brain research, commercialization, and connected care to improve the lives of those living with brain disorders. OBI's state-of-the-art database, Brain-CODE, is designed to store, manage, and analyze the many different types of data collected by researchers around the province.

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