Nipoppy and Neurobagel: Decentralized infrastructure for FAIR neuroimaging-clinical datasets

Michelle Wang¹, Alyssa Dai¹, Mathieu Dugré², Rémi Gau¹, Arman Jahanpour¹, Brent McPherson¹, Jacob Sanz-Robinson¹, Mohammad Torabi¹, Nikhil Bhagwat¹, Sebastian Urchs¹, Jean-Baptiste Poline¹

> ¹McGill University, Montreal, Canada ²Concordia University, Montreal, Canada Email: michelle.wang6@mail.mcgill.ca, jean-baptiste.poline@mcgill.ca



Neuroinformatics solutions for better, open science

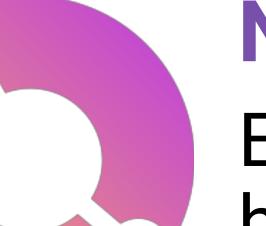


Nipoppy

Framework for standardized organization and reproducible processing of individual datasets

"How do I process my data consistently for all projects?"



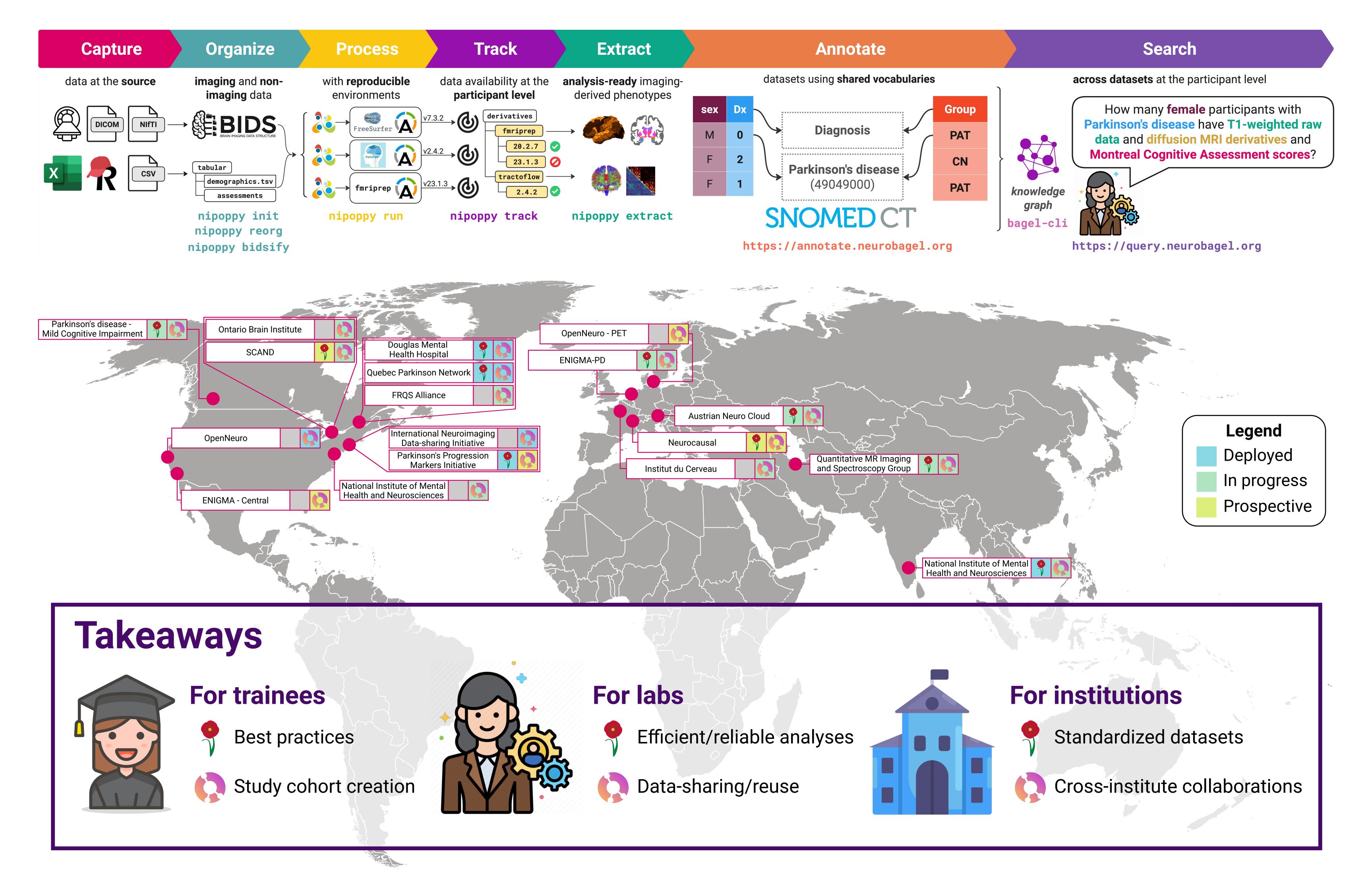


Neurobagel

Ecosystem for federated data harmonization and cross-dataset search at the participant level

"How do I find cohorts across sites I don't have access to?"





Technologies











Funders













