Presentation of the project 'Narps Open Pipeline'
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NARPS
Open Pipelines Project

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Crédit image: Elodie Germani
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In 2020 a landmark paper in Nature challenged this status-quo:

Variability in the analysis of a single neuroimaging dataset by many teams

Rotem Botvinik-Nezer, Felix Holzmeister, Colin F. Camerer, Anna Dreber, Juergen Huber, Magnus Johannesson, Michael Kirchler, Rani Iyenir, Jeanette A. Mumford, R. Alison Adcock, Paolo Avesani, Blazej M. Baczkowski, Ashana Bajracharya, Leah Bakst, Sheryl Balli, Marco Barilari, Nadege Bauti, Derek Beaton, Julia Beitner, Roland G. Benoit, Ruud M. W. J. Berkers, Jamli P. Bhanji, Bharat B. Biswal, Sebastian Bobadilla-Suarez, ... Tom Schönberg

Nature 582, 84–88 (2020) | Cite this article

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70 expert teams (200 scientists) – Same yes/no research questions – Same dataset
Each team built a different pipeline
Each team built a different pipeline
Differences in pipelines led to contradictory findings
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Create a codebase reproducing the 70 pipelines of the NARPS study and share this as an open resource for the community
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Github.com/Inria-Empenn/narps_open_pipelines
Use a NARPS pipeline for your project:

```python
# We need you!

Use a NARPS pipeline for your project:

```
Use a NARPS pipeline for your project:

Contribute to NARPS Open Pipelines:

Github.com/Inria-Empenn/narps_open_pipelines
This project is supported by Région Bretagne (Boost MIND) and by Inria (Exploratory action GRASP)
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This project receives contributions by Rémi Gau and during events such as OHBM Brainhack 2022 and 2023, e-ReproNim FENS NENS Cluster Brainhack 2023, ORIGAMI lab hackathon 2023 by:
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Come meet us and/or contribute during our next brainhack sessions:
   - Monthly Narps Open hours
   - Marseille brainhack 2023
   - OHBM brainhack 2024