DATA ANALYSIS SERVICES

Bringing scientific rigor to the provision of neuroscience data analysis services while leveraging on medical grade hardware provided by our sister company Neuroelectrics
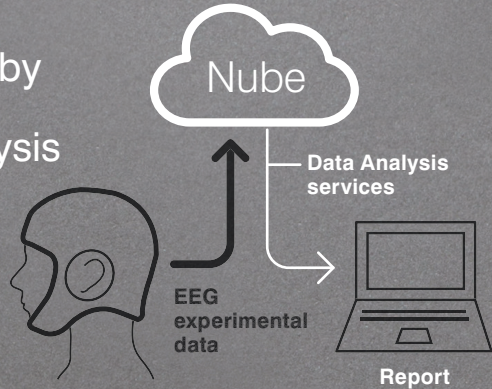
Sensing platforms

Neuromarker services

Clinical trials

Get the most from your neurophysiological data by putting our team and state-of-the-art data analysis platform to work for you

Nube

Data Analysis services

Signal processing, statistical analysis and machine learning applied to EEG.

EEG experimental data

Report

Application fields

Sensing platforms
How drugs, digital health apps or other therapeutical approaches modulate the brain through EEG and neuropsychological testing.

Neuromarker services
Early, cost effective and scalable prediction, diagnosis and monitoring of disease.

Clinical trials
Artificial intelligence for patient stratification and treatment response.
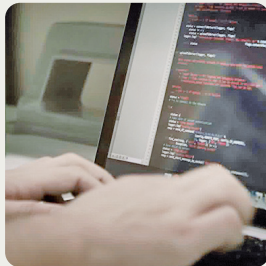
Tools and pipelines

- **Spectral features**
- **Functional connectivity**
- **Event related responses**
- **Source reconstruction**
- **Transcranial electrical stimulation**
- **Automatically generated EEG reports.**

- **Data acquisition services** with wireless CE medical technologies.
- **Deep EEG processing** and cleaning.

Available services

Data analysis / Biomarkers
Personalize the EEG features. Find robust clinical end-points.

Data management
Online data management tools to simplify experimental campaigns. Secure transmission in proprietary cloud platform.

Protocol definition
Support in defining recording protocols at the clinic site, in and out of the lab. Structure your questions into testable experimental setups.

Training courses
Empowering clients to conduct their own research.

Cognitive testing
Support in evaluating changes in behaviour and its neurophysiological correlates.

Decision support systems
AI / Machine-learning software integration for assisting clinical decisions.

Reference customers
- **Biogen**
- **Michael J. Fox Foundation**
- **University of Oxford**
- **Akili**
- **UC Denver**
- **Givaudan**
- **GSK**

Starlab mission: to transform science into technologies with a real positive impact on society.

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