



DATHARSIS

DATA SPEAKS, WE INTERPRET

SCIENTIFIC RIGOR INTERPRETABLE RESULTS

Advanced statistical analysis
for critical decision-making
in life sciences

Datharsis is a Technology Company founded as a spin-off from the University of Granada. Although recently established, our team brings **over 20 years of high-impact international research experience** in our core fields.

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 Datharsis

THE PROBLEM



Many predictive solutions are **opaque "black boxes"**, hindering confidence and regulatory validation.



Management of **complex and heterogeneous datasets** (e.g., combining multi-omics, imaging, and clinical records)

EXPERTISE

Our services cover end-to-end support for complex projects, with a specialization in **high-impact health solutions**:



Advanced **Biostatistics** and analysis of **Multi-omics & and Multi-modal** data for **Patient Stratification** and **Biomarker Discovery** in Precision Medicine.



Predictive Model Development for **Clinical Decision Support Systems** (CDSS).



**SOFTWARE
DEVELOPMENT**



**CONSULTING
SUPPORT**



**TRAINING
CAPABILITIES**

We offer a complete technological solution for this challenge: We develop transparent and explainable predictive systems and computational solutions utilizing the rigor of **Computational Statistics** and the power of **Interpretable Machine Learning**.

Ensuring that all results are scientifically sound, auditable, and clinically valid. We apply **Experimental Design, Data Science, and Machine Learning** methodologies across to maximize data value and reliability.

Consulting and support on **Experimental Design for Clinical Studies and Data Mining**.



Development of **brand new computational statistics, algorithms, and visualizations** integrated via advanced software solutions.



We also partner with organizations across **Biotechnology, Agri-Technology, Food Science, and Ecology** seeking to transform complex data into reliable, actionable insights.



DATA ANALYSIS FOR HEALTH

1

INTERPRETATION AND CAUSALITY

We design optimal experiments to address your questions, and explain the "why" behind the data

2

SCIENTIFIC RIGOR + INNOVATION

Advanced biostatistics, data science, and predictive models for reliable and cutting-edge solutions

3

FULL SCALABILITY

Any type of data and cohort size, always maintaining maximum precision and quality in the analysis



PRECISION MEDICINE

Patient stratification, biomarker discovery, and predictive models for diagnosis, treatment, and prevention



CLINICAL STUDIES

Design and analysis of experiments to ensure scientific validity and guide health policies



MULTIOMICS

Analysis and integration of multiple omics databases for research in clinical applications



PHARMA/MEDTECH R&D

Optimization of drug and medical devices design

Let's transform the future of health together. Contact us!