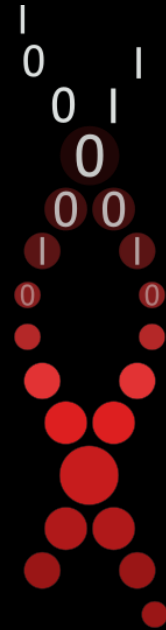


# Your Bioinformatics Wizards

KARLO SKUBE

Business Development Lead

[karlo.skube@omics.solutions](mailto:karlo.skube@omics.solutions)










# OMICS SOLUTIONS



BRINGING INSIGHTS AND SOLUTIONS FOR YOUR BIOLOGICAL DATA.

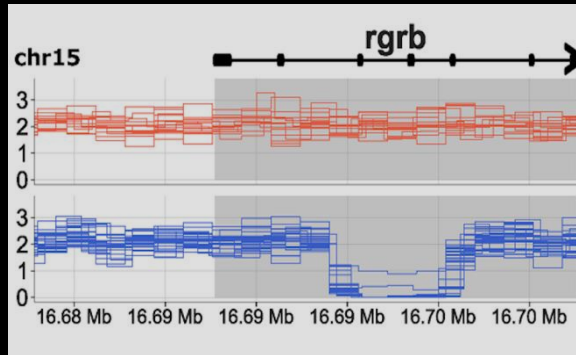
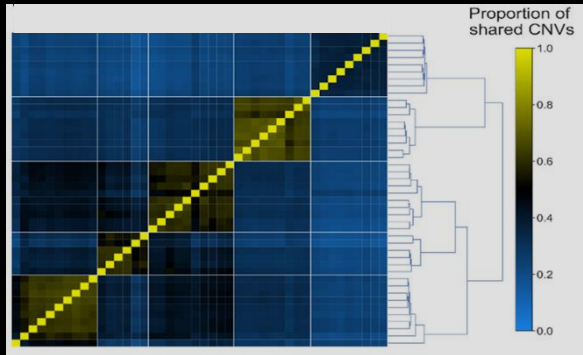
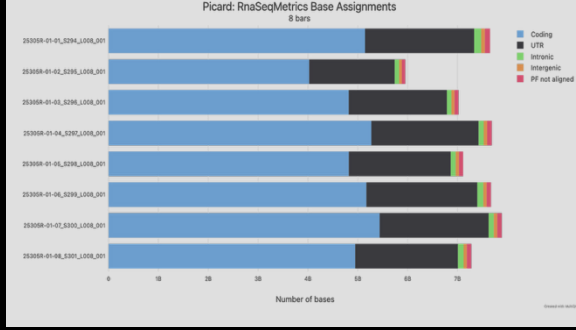
We are a company delivering tailored and innovative analytical solutions and a variety of bioinformatics services.

# What we do:

-  Advisory Services
-  Custom Data Analysis
-  Science Grade Visuals
-  In-house App Solutions
-  Building Data Workflows
-  Omics Academy
-  R&D Partnerships

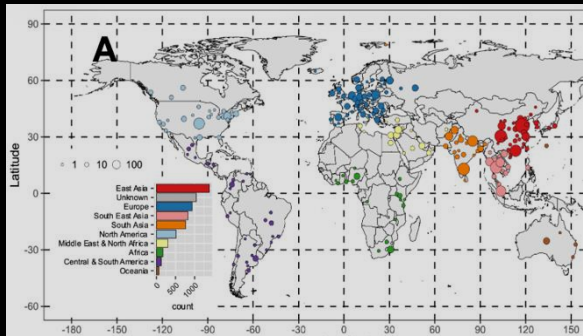
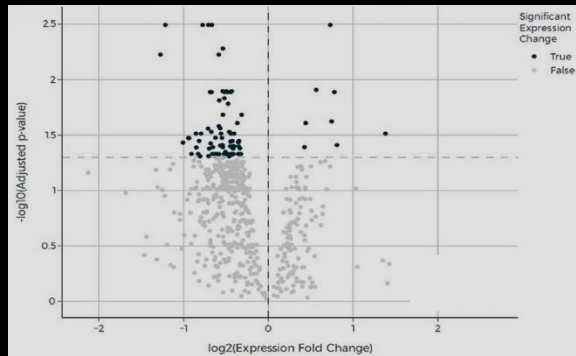
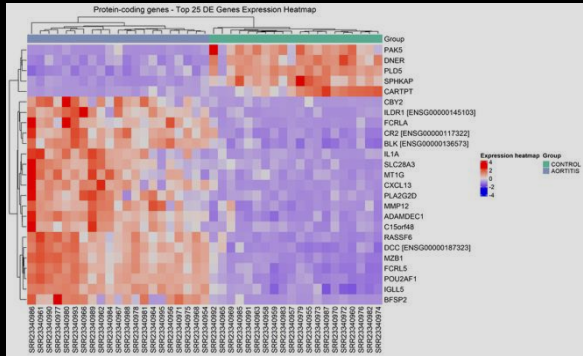


# Projects & Impact



# Biology, Bioinformatics & Beyond

TURN YOUR DATA INTO ACTIONABLE INSIGHTS.

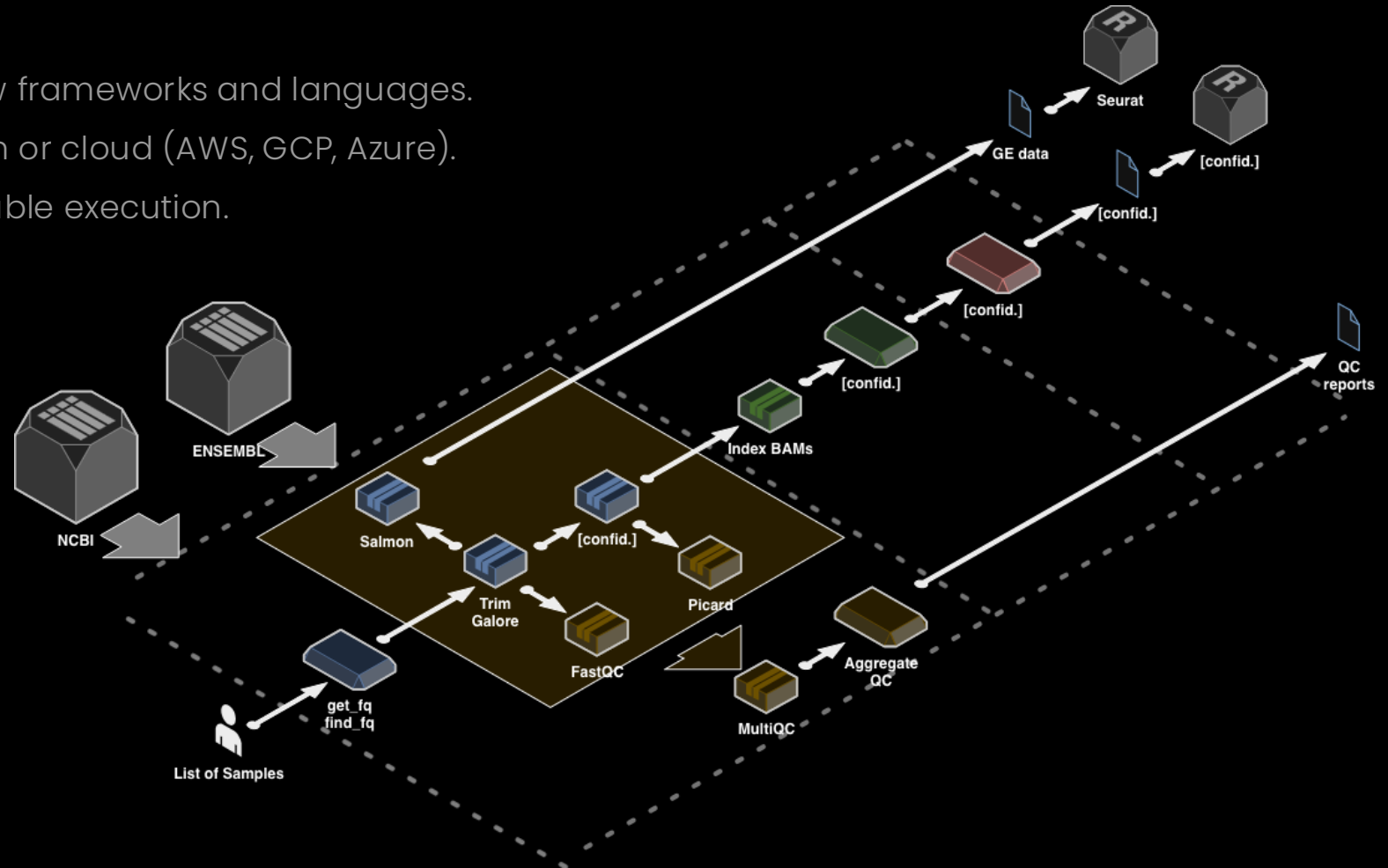


- Genomics, Epigenomics, Metagenomics, Proteomics, Metabolomics.
- Multiomics approaches and data integration.
- Bulk, single-cell & spatial RNAseq analyses.
- Data mining, AI/ML modelling, classification and biomarker discovery.
- Biostatistics for complex biomedical data.

# Custom Data Workflows

STREAMLINE YOUR DATA PROCESSING.

- Industry-standard workflow frameworks and languages.
- Integrated into your system or cloud (AWS, GCP, Azure).
- Fully automated, and scalable execution.



# Apps and UIs

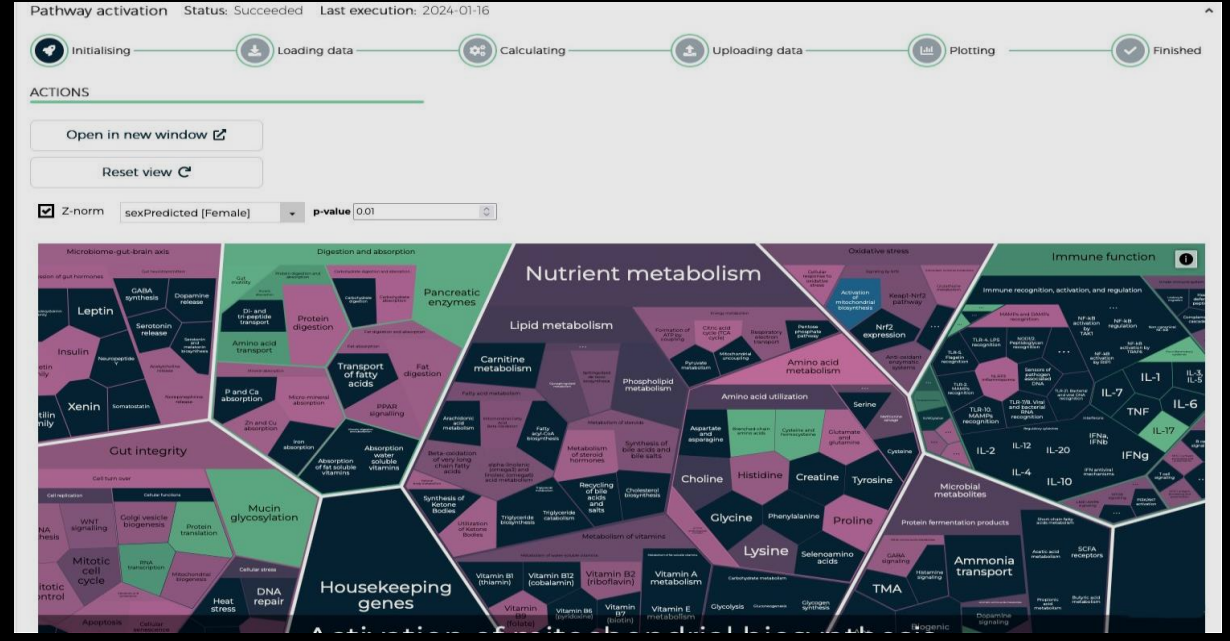
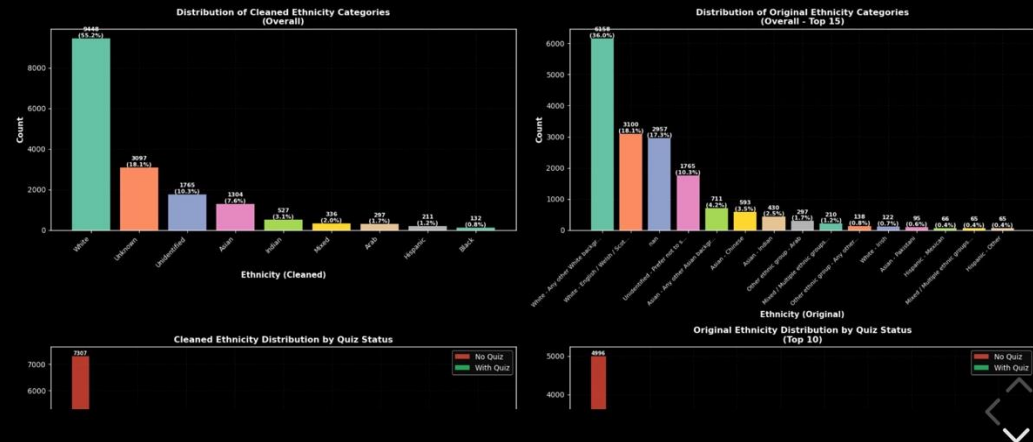
EXPLORE AND INTERACT WITH YOUR DATA.

- Custom scientific applications and Uis.
- Tailored graphics and interactive visuals.
- Standalone, hosted, or integrated into systems.



## Plots of ethnicity and gender

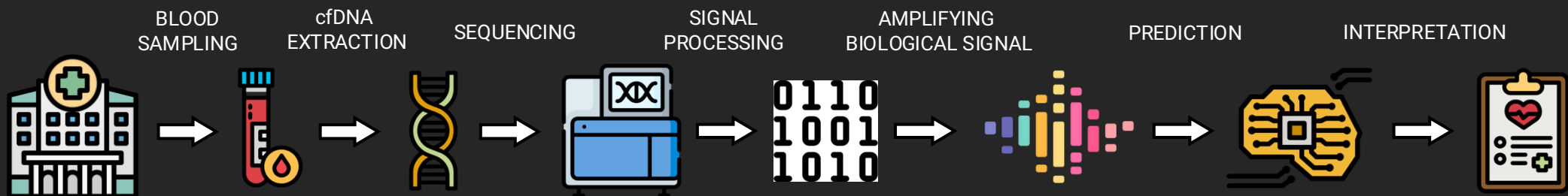
Here we will visualize the distributions of patients based on Ethnicity (including original ethnicity) and Gender - separated by Quiz variable. Quiz variable refers to the patients who have *at least one* of Q-prefixed columns filled.



# R&D Partnerships

AZRA – NEXT-GEN EARLY CANCER DETECTION PLATFORM.

- Non-invasive early cancer detection using blood-based liquid biopsy.
- Next-generation diagnostic models that are sensitive, robust, and explainable.



In partnership with:



University of  
Zagreb

# Meet the Team

THE PEOPLE BEHIND THE SCIENCE.



**Mislav Acman, PhD**  
Founder & Lead Consultant



**Nikolina Bukša, MSc**  
Bioinformatician



**Ivan Pokrovac, PhD**  
Senior Data Scientist



**Karlo Skube, MSc**  
Business Development Lead

# From our partners

OPINION THAT MATTERS MOST.

”

*Team at Omics Solutions are exceptional tinkerers with a great scientific aptitude. Their expertise as computational biologists is phenomenal. I highly recommend.*



**M.S. Suryateja  
Jammalamadaka**

MIT

”

*Dr Mislav Acman, the CEO of Omics Solutions, demonstrated exceptional scientific flair, technical skills, resilience, and a remarkable ability to make sense of the most challenging data.*



**Prof François Balloux**

Director at UGI

”

*I worked closely with Dr Mislav Acman who consistently impressed me with his skills in processing, manipulating and drawing signal out of complex genomics data.*



**Dr Lucy van Dorp**

Leader Microbial Genomics (UCL)

”

*I was impressed by the skills and knowledge of the team at Omics Solutions. They have provided hardworking and competent help with the analysis of multi omics data.*



**Dr Zoran Marinković**

PSL Research University

”

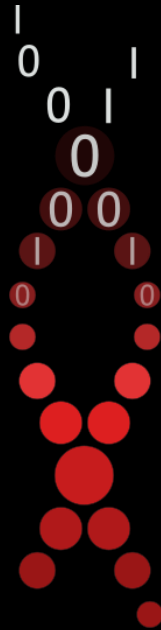
*I worked with the Omics team on several projects. It is a new company only entering the market but has people with versatile skillset and knowledge and years of experience.*



**Dr Jose Gil Jr.**

Exact Sciences

**Let's Make it  
Happen.**



**OMICS**  
SOLUTIONS