
Arnau Gómez Català

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Undergraduate in Statistics with hands-on experience as a Research Assistant in the GRBIO Biostatistics and Bioinformatics group. Skilled in statistical programming (R, SAS), development of R packages (Go/Cens), and building Shiny applications for data visualization. Demonstrated ability to collaborate on research projects, present findings at national conferences, and contribute to scientific communication. Seeking to deepen my expertise in biostatistical methods and data science through the master's programme at Karolinska Institutet, with a long-term goal of contributing to biomedical research.

Education

Universitat de Barcelona (UB) & Universitat Politècnica de Catalunya (UPC)	Barcelona, Spain
Interuniversity bachelor's degree in Statistics	09/2022 – Present
Specialized training in complex data analysis, statistical modelling, and advanced quantitative methods to support evidence-based decision-making in real-world applications.	
Relevant coursework: Statistical Inference, Statistical methods for Biosciences, Medical Statistics, Generalized Lineal Modeling and Survival Analysis	
Current GPA: 7.13/10.	

INS. La Llauna	Badalona, Spain
High School Diploma, Technological Track	09/2020 – 06/2022
Final GPA: 8.2/10	

Professional Experience

GRBIO – Biostatistics and Bioinformatics Research Group	Barcelona, Spain
Undergraduate Research Assistant	04/2024 – Present
<ul style="list-style-type: none">• Developed and extended functionalities of the R package <i>GofCens</i> for survival analysis and contributed to the Shiny web application <i>MSMPred</i> for multistate predictive modelling.• Conducted code review and debugging to ensure reproducibility and efficiency of statistical scripts.• Managed and updated the research group's website and weekly newsletter, ensuring clear communication of projects, publications, events, and academic news.• Coordinated the organization of biweekly research seminars, consulting with speakers ranging from clinicians and biostatistics professionals to PhD students and occasional international researchers.• Designed outreach materials, including scientific posters and educational videos, to communicate research to broader audiences.• Presented collaborative research at the <i>VIII Jornadas Jóvenes de la SEB</i> (Young Researchers Meeting of the Spanish Biostatistics Society), a regional group of the International Biometric Society (IBS), under the supervision of Klaus Langohr and Guadalupe Gómez, senior researchers in biostatistics.	

Self-Employed

Badalona, Spain

Private Tutor (Mathematics and Physics)

05/2021 – 07/2025

- Delivered private lessons in mathematics (scientific and social tracks) and physics to students from 9th grade to 12th grade.
- Designed customized learning materials and teaching strategies to improve students' understanding of key concepts.
- Provided ongoing academic support, answering questions and closely monitoring student progress.
- Prepared practice exams and exercises to assess and reinforce students' knowledge.

Carrefour Hypermarkets

Badalona, Spain

Checkout and Customer Service Assistant

09/2023 – 07/2024

- Provided customer service at checkout and at the customer service desk, ensuring a positive and efficient shopping experience.
- Overseen payments, refunds, and customer incidents, resolving issues quickly and effectively.
- Responded to customer inquiries and managed product exchanges, offering tailored solutions for each situation.

Skills & Interesses

Technical & Programming Skills:

R (Advanced) / R Shiny / RMarkdown / SAS / LaTeX / SQL / SPSS / MATLAB / Excel

Data Science & Visualization:

Statistical Modeling, Survival Analysis, Predictive Analytics, Data Wrangling

Soft Skills:

Scientific Communication, Teamwork in Research Settings, Adaptability, Autonomous Learning, Analytical Thinking

Languages: Catalan: Native
Spanish: Native
English: C1 (7.5 IELTS)
German: Basic

Interests: Reading novels
Physical activity and sports
Following scientific news and developments
Strategic Video Games & Board Games