

4th BIOSTATNET WORKSHOP

WOMEN AND BIOSTATISTICS

This workshop is dedicated to **Anna Espinal Berenguer**, member of the Catalunya–SEA Node of the BIOSTATNET network.



Anna held a degree in Mathematics and a Master's in Economic Theory from the UAB, and a PhD in Economics from the UPF. Her professional life was marked by her dedication to the discipline of Statistics, both through rigorous teaching and through her involvement in the growth of the scientific statistics community.

As a professor in the Department of Mathematics at the UAB, she was an excellent teacher who conveyed, with unmatched passion, the particularities of Statistical theory from an applied and innovative perspective. She also carried out scientific support tasks for research at the Applied Statistics Service (SEA), with a distinctive creative and innovative vision.

Anna had a unique ability to provide the right perspective on problems, make meaningful contributions, and communicate and share results. These abilities, together with her joy, her smile, and her passion, allowed her to inspire those around her and to build strong, meaningful collaborations that enriched every project she took part in.

November 9th, 2026
Cerdanyola del Vallès (also online)

Aula Josep Vendrell (C0/-140.1)
Facultat de Ciències
Campus de la UAB

[Link to Facultat de Ciències, UAB \(Google maps\)](#)

[Link to 'How to get to UAB'](#)

Registration:
[registration form link](#)



PROGRAMME

Morning Session

Chair **Lupe Gomez** (Catalunya - BIO BIOSTATNET Node).
Universitat Politècnica de Catalunya.

9:30– 9:45 **Reception**

9:45–10:00 **Welcome**

10:00–10:25 **Mezcla de distribuciones para la edad de las personas que se suicidan: Una comparativa entre hombres y mujeres**
Andrea Ruiz Vega (Granada BIOSTATNET Node).
Universidad de Granada.

10:25–10:50 **Cardiometabolic multimorbidity and mental well-being in the Spanish population: the moderating role of daily physical activity patterns and mental health-related medication use**
Gema Pigueiras Voces (Andalucía Occidental BIOSTATNET Node).
Universidad de Cádiz.

10:50–11:15 **Bioinformatic workflow for survival analysis and patient risk stratification based on cancer gene molecular features**
María Sánchez Martín (DoE+Bioinformática BIOSTATNET Node).
Instituto de Investigación Biomédica de Salamanca.

Coffee break

11:45–12:10 **Biostatistics and Health Economics: From Simulation Models to Real-World Healthcare Decisions**
Nuria Perez Alvarez (Catalunya - BIO BIOSTATNET Node).
Universitat Politècnica de Catalunya.

12:10–12:35 **Mapping Violence Against Women: A Bayesian Spatio-Temporal Analysis of Homicide and Femicide in Central Mexico**
Jaione Etxeberria (Navarra Spatial Statistics BIOSTATNET Node).
Universidad Pública de Navarra.

12:35–13:00 **Addressing Survivorship Bias in Capture-Recapture Models: When, why and how**
Blanca Sarzo (Valencia - VABAR BIOSTATNET Node).
Universitat de València.

13:00–13:25 **Hidden Markov Models for Porcine Reproductive and Respiratory Syndrome (PRRS) surveillance**
Maria Lorena Correa Abendaño (Catalunya - SEA BIOSTATNET Node).
Departamento de Sanidad Animal (CRESa), Institut de Recerca i Tecnologia Agroalimentàries
Universitat Autònoma de Barcelona.

13:25–13:50 **La bioestadística más allá de los métodos: experiencias, desafíos y nuevas herramientas en la asesoría científica**
María P. Pata (Galicia BIOSTATNET Node).
Biostatech Advice, Training and Innovation in Biostatistics, S.L..

13:50–14:15 **Measuring Discrimination Performance for Patient-Reported Outcomes: A Generalized C-Index for Beta-Binomial Regression.**
Inmaculada Arostegui (País Vasco BIOSTATNET Node).
Universidad del País Vasco UPV/EHU.

Lunch

Afternoon Session

Chair **Anabel Blasco** (Catalunya - SEA BIOSTATNET Node).
Universitat Autònoma de Barcelona.

15:30–15:45 **Memorial talk about Anna Espinal**
Members of Catalunya – SEA BIOSTATNET Node.
Universitat Autònoma de Barcelona.

15:45–16:45 **Invited short talks**

- **Sira Cors**
- **Alba Castillo**
- **Ana Vázquez**

16:45 **Closing remarks**