Ane Loroño Leturiondo

11/05/1992 Bilbo
annelorono@gmail.com
618493898

Education

Masters in Mathematical Modelization and Research, Statistics and Computation. 2018. Nacional Interuniversity Masters.

> Thesis: Application of the Beta-binomial regression to the development of a model to predict anxiety and depression in patients with eating disorders. Galdakao-Usansolo Hospital, Psychiatric Unit.

Masters in Teaching for Secondary Education, High School, Vocational Training, and Languages. 2019. University of Valencia.

Training Programme in Research for Health Personnel. 2018. Galdakao-Usansolo hospital.

BS in Mathematics. Graduated 2016. University of the Basque Country UPV-EHU

> Graduated in both specialties: Pure Mathematics; and Applied Mathematics, Statistics, and Computation.

> Thesis: Creation of a model of logistic regression to predict mortality in patients hospitalized with pneumonia. Galdakao-Usansolo Hospital, Respiratory Unit.

Work Experience

Research Assistant. Currently. BC3. PhD in economics.

Secondary and high School teacher. 2020-2023. Basque public school network. Bizkaia.

Lecturer in EHU/UPV. 2019. Statistic in Geography. Gasteiz.

Consultant in the INSPIRA STEAM project. 2018-2019. University of Deusto & Maestro Zubeldia school. Discover the project: http://inspirasteam.net/eu/conoce-el-proyecto/

Project Manager Assistant. 2018-2019. University of Deusto. eVIDA Research Group (DeustoTech)

Biostatistic. 2016-2017. Galdakao-Usansolo Hospital. Research Unit.

Guest Researcher. 2015-2016. Galdakoa-Usansolo Hospital.
Based on the BS thesis. Reporting to Irantzu Barrio (University of the Basque Country UPV-EHU) and Pedro España (Galdakoa-Usansolo Hospital).

Internship in Programming. 2015-2016. Panda Security. Research Unit.

Participation in Projects

- **Efectividad de una intervención para el control y manejo de la hiperglucemia diagnosticada en urgencias.** OSIBG17/001.
  Principal Investigator: Urko Aguirre Larracoechea.
  Funding body: Comisión de Investigación OSI Barrualde-Galdakao
  Duration: 01/01/2017-31/12/2017

- **Evolución de la calidad de vida a largo plazo de pacientes con trastornos de la conducta alimentaria.** (PI12/01372).
  Principal Investigator: Ángel Padierna
  Funding body: Instituto de Salud Carlos III
  Duration: 2012-2016

- **Factores de riesgo a corto y medio plazo de resultados adversos, y creación de modelos predictivos, en pacientes con cáncer de colon o recto. Estudio coordinado-multicéntrico IRYSS-CCR.** (PS09/00314).
  Principal Investigator: José María Quintana
  Funding body: FIS
  Duration: 01/01/2010-31/12/2012

Publications

- Martín J, Padierna A, Loroño A, Muñoz P, Quintana J. (2017). **Predictors of quality of life in patients with eating disorders**. European Psychiatry 2017, 45:182-189. Impact Factor: 3.1 (Q1). DOI: 10.1016/j.eurpsy.2017.07.001

- Moreta, J., Uriarte, I., Foruria, X., Loroño, A., Agirre, U., Jáuregui, I., & Martínez-de los Mozos, J. L. (2018). **Medium-term outcomes of the S-ROM modular femoral stem in revision hip replacement.** European Journal of Orthopaedic Surgery & Traumatology, 1-8. DOI: https://doi.org/10.1007/s00590-018-2213-z

- González, N., Loroño, A., Aguirre, U., Lázaro, S., Baré, M., Redondo, M., ... & Quintana, J. M. (2021). **Risk scores to predict mortality 2 and 5 years after surgery for colorectal cancer in elderly patients**. World Journal of Surgical Oncology, 19(1), 1-12. DOI: 10.1186/s12957-021-02356-6.

- Martín, J., Arostegui, I., Loroño, A., Padierna, A., Najera-Zuloaga, J., & Quintana, J. M. (2019). **Anxiety and depressive symptoms are related to core symptoms, general health outcome, and medical comorbidities in eating disorders.** European Eating Disorders Review, 27(6), 603-613. DOI: https://doi.org/10.1002/erv.2677

- Iza, K., Foruria, X., Moreta, J., Uriarte, I., Loroño, A., Aguirre, U., & de Los Mozos, J. L. M. (2019). **DAIR (Debridement, Antibiotics, and Implant Retention) is less effective in hematogenous total knee arthroplasty infections.** Journal of Orthopaedic Surgery and Research, 14(1), 1-6. DOI: https://doi.org/10.1186/s13018-019-1324-5

Conferences

Oral Presentations

- Ane Loroño, Irantzu Barrio, Amaia Bilbao, Rosa Diez y Pedro España. **Estudio de la mala evolución de los pacientes leves de neumonía utilizando la regresión logística.** Sociedad Española de Biometría (SEB) - II Jornadas Científicas de Estudiantes de la SEB. 8-9 September 2016, Barcelona.

- Ane Loroño, Irantzu Barrio, Amaia Bilbao, Rosa Diez y Pedro España. **Pneumonia ez larria duten gaixoen eboluzio txarraren azterketa erregresio logistikoa erabiliz.** UEU-Matematikari Euskaldunen II. Topaketak. 1 June 2016, Eibar.

- Rodríguez - Lago, I; Rodríguez - Pescador, A; Galdona, I; Benítez, JM; García -Sánchez, V; Sempere, L; Gutiérrez, A; Loroño, A; Lafuente, I; Torrres, S; Cabriada, JL. **Factores predictivos de respuesta a granulocito – Monocito aféresis en enfermedad inflamatoria intestinal.** SED Semana de las enfermedades digestivas. 12 June 2017, Madrid.

- I. Rodríguez - Lago, A. Rodriguez, I. Galdona, E. Fernández, J.M. Benítez - Cantero, V. García - Sánchez, D. Ginard, A. Gutiérrez, 7, L. Sempere, M. Barreiro de Acosta, A. Loroño, I. Lafuente, J.L. Cabriada**. What do the patients with inflammatory bowel disease think about granulocyte–monocyte apheresis? A multicentric survey.** ECCO. 15-18 February 2017, Barcelona.

- I. Rodríguez - Lago, L. Sempere, A. Gutiérrez, J.M. Benítez - Cantero, V. García - Sánchez, I. Galdona, A. Rodriguez - Pescador, I. Lafuente, A. Loroño, J.L. Cabriada. **Predictive factors of response to granulocyte - monocyte apheresis in inflammatory bowel disease.** ECCO. 15-18 February 2017, Barcelona.

- Kattalin Iza Sanjuan, Lucia Bernuy Bajo, Jesús Moreta Suárez, Isidoro Calvo Lorenzo, Ane Loroño Leturiondo, Jose Luis Martinez de los Mozos. **Resultados clínico-radiológicos de fracasos de osteosíntesis de fracturas pertrocantéreas de cadera.** 65 reunión sociedad Vasco-Navarra de cirugía ortopédica y traumatología. 5 November 2016, Arrasate-Mondragón

Poster Presentations

- Ane Loroño, Josune Martín, Irantzu Barrio, Inmaculada Arostegui. **Modelos de regresión beta-binomial para evaluar la ansiedad y la depresión en pacientes con trastorno de la conducta alimentaria.** III Jornadas Científicas de Estudiantes de la SEB. 18-19 January 2018, Bilbao (BCAM).

- Mercedes Cárdenas Sierra, Ana de Juan Arroyo, Francisco Javier Goikolea Ugarte, Ane Loroño Leturiondo, Josefa Ferreiro Quintana, Itziar Ibarrondo Larramendi, Igor Núñez Ceruelo. *Servicio de Farmacia. Unidad de Investigación. Servicio de Oncología Médica. OSI BARRUALDE*-GALDAKAO. **Eficacia de nivolumab en pacientes con cáncer de pulmón no microcítico metastásico incluidos en programa uso compasivo.** V Congreso Oncología Médica y Farmacia Oncológica. 23-25 November 2017, Toledo.

Event Planning Experience

- XV Conferencia Española de Biometría y V Encuentro Iberoamericano de Biometría. 22-25 September 2015, Bilbao.

Courses and Seminars

- **Introduction to Splines with Penalizations**
  18 January 2018, BCAM, Bilbao.

- **Complementary Course on Statistics.**
  7-11 November 2016, University of the Basque Country UPV-EHU.
  Given by: Javier Cárcamo (UAM)

- **Introduction to Shiny R Studio**
  8 September 2016, Barcelona.
  Given by: Isaac Subirana (IMIM)

- **Statistics for Research and Research for Statistics.**
  9 October 2013, University of the Basque Country UPV-EHU.

Software and Programming Skills

- R and SAS

- SPSS, Python, MatLab, Wolfram Mathematica, C++, SQL, Java. Level: Intermediate.

Languages

Spanish
Native speaker

Basque
Native Speaker
EGA

English
IELTS (2014) 5,5
First Certificate - Cambridge Examinations (2012)

Other Relevant Information

Driving license (B1) and vehicle availability.