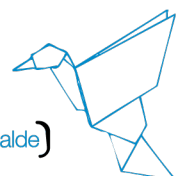


KTU Research Technician in Applied Statistics

| Job Offer | |
|------------------------|---|
| Topics: | In the framework of the BCAM “ <i>Maths & Artificial Intelligence</i> ” strategy, a series of projects in this field will be launched in different areas of Applied Mathematics. This project is titled “ Health Cost Analysis with Censored Data ” and deals with the estimation of the distribution of the accumulated cost per patient according to diseases, the received medical allowance, etc. The objective is not to estimate the, e.g., average cost, but to estimate the entire distribution. This will allow us to fully characterize the population of interest, which will provide information that we seek to further explore and study in detail. In addition to defining the methods for estimating the accumulated cost per patient, the project aims at defining and automating the workflow that will allow obtaining the data in the appropriate format for the subsequent analyses. In doing so, we seek to allow the routine use of the proposed methodology. |
| PI in charge: | María Xosé Rodríguez Álvarez |
| Salary and conditions: | <p>The gross annual salary of the Fellowship will be 18.000 - 26.000€.</p> <p>It will then be on your own responsibility to make your yearly income declaration at the Bizkaia Treasury Agency.</p> <p>There is a moving allowance for those researchers that come from a research institution outside the Basque Country from EUR 500 to EUR 1.000 gross.</p> <p><i>Free access to the Public Health System in Spain is provided to all employees.</i></p> |
| No Positions offered: | #1 |
| Contract and offer: | 14 months (starting in November 2019) |
| Deadline: | September 13th 2019, 14:00 CET (UTC+1) |
| How to apply: | Applications must be submitted on-line at: http://www.bcamath.org/en/research/job |

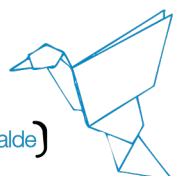
Scientific Profile Requested



| | |
|--------------------------|---|
| Requirements: | <ul style="list-style-type: none"> • Master's degree in Statistics, Computer Science, or a closely related field. • Strong background in Statistics and Mathematics. • Fluency in spoken and written Spanish and English. |
| Skills and track-record: | <ul style="list-style-type: none"> • Ability to analyse data, perform statistical analysis and interpret results. • Strong analytical and problem-solving skills. • Strong programming skills • Good interpersonal skills. • Ability to effectively communicate and present research ideas to researchers and stakeholders with different backgrounds. • Demonstrated high level written and oral communication skills. • Demonstrated ability to work independently and as part of a collaborative research team. |
| Scientific Profile: | <p>The preferred candidate will have:</p> <ul style="list-style-type: none"> • Strong background in Statistics and Mathematics. • Demonstrated knowledge in advanced statistical methods and/or machine learning techniques. • Good programming skills in R and/or Python. • Research experience in interdisciplinary applications (e.g.: Health, Energy). |

Application and Selection Process

| | |
|----------------------|--|
| Formal Requirements: | <p>The selected candidate must have applied before the application deadline online at the webpage http://www.bcamath.org/en/research/job</p> <p>The candidates that do not fulfil the mandatory requirements will not be evaluated with respect to their scientific profile.</p> |
| Application: | <p>Required documents:</p> <ul style="list-style-type: none"> ▪ CV ▪ Letter of interest ▪ 2 recommendation letters (desirable) |
| Evaluation: | <p>Based on the provided application documents of each candidate, the evaluation committee will evaluate qualitatively: the adaption of the previous training and career to the profile offered, the recommendation letters, the main results achieved (papers, proceedings, etc.), the letter of interest, and other merits; taking in account the alignment of these items to the job offered.</p> |



Incorporation: November 2019 or as soon as possible thereafter

