



2017-IPR-I-000-8364

Support to statistical data analysis and software development

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| <p>Position for:</p> <p>Trainee</p> | <p><u>Short description of activity:</u></p> <p>As the science and knowledge service of the Commission, the mission of DG Joint Research Centre is to support EU policies with independent evidence throughout the whole policy cycle.</p> <p>The JRC is located in 5 Member States (Belgium, Germany, Italy, the Netherlands and Spain). Further information is available at: http://www.jrc.ec.europa.eu</p> <p><u>Short description of activity:</u></p> <p>In line with the overall mission of the Directorate-General Joint Research Centre (JRC) of the European Commission (EC), the Directorate for Competence promotes a cross-cutting, integrated, and multi-disciplinary approach to evidence-based EU policy-making across the policy cycle within the Commission, with member States and other stakeholders. Directorate I aims to become the European Commission's reference point for developing and applying state-of-the-art tools and methods.</p> <p>This position is within the Unit Text and Data Mining of the Directorate (JRC.I.3), a very dynamic, multilingual and collaborative working environment.</p> <p>The training relates to the following activities:</p> <ol style="list-style-type: none">1. Simulation/benchmark experiments for comparing the statistical and/or computational performances of different multivariate statistical methods.2. Porting of selected functions of the MATLAB FSDA toolbox to the R environment.3. Collection, cleaning and preliminary analysis of time series data. |
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| | <p><u>Qualifications:</u></p> <p><u>Essential:</u> The candidate must have a degree at Master of Science level.</p> <p>He/She must possess very good digital competences especially with respect to Excel, MATLAB and R languages and Latex documentation system.</p> <p>He/She must possess knowledge of statistical science.</p> <p>Good knowledge of Italian and English (level B2)</p> <p>He/She should have good communication and inter-personnel skills, and team-working capability.</p> <p><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></p> <p>https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</p> |
| <p>Institute/Directorate Unit</p> | <p>Directorate I - Competences Text and Data mining Unit</p> <p>Further information: https://ec.europa.eu/jrc/en/about/jrc-in-brief</p> |
| <p>Indicative duration</p> <p>Preferred starting date</p> | <p>5 months</p> <p>As soon as possible</p> |
| <p>JRC Site</p> <p>Country</p> | <p>Ispra</p> <p>Italy</p> |
| <p><u>JRC contact details</u></p> | <p>For any technical problems with your application, please contact: JRC-ESRA@ec.europa.eu</p> |