



**2017-IPR-I-000-8364**

**Support to statistical data analysis and software development**

<p><b>Position for:</b></p> <p>Trainee</p>	<p><b><u>Short description of activity:</u></b></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: <a href="http://www.jrc.ec.europa.eu">http://www.jrc.ec.europa.eu</a></p> <p><b><u>Short description of activity:</u></b></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"><li>1. Simulation/benchmark experiments for comparing the statistical and/or computational performances of different multivariate statistical methods.</li><li>2. Porting of selected functions of the MATLAB FSDA toolbox to the R environment.</li><li>3. Collection, cleaning and preliminary analysis of time series data.</li></ol>
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	<p><b><u>Qualifications:</u></b></p> <p><b><u>Essential:</u></b>  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><b><u>For general eligibility requirements, please read the rules governing the traineeship scheme of the JRC:</u></b></p> <p><a href="https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees">https://ec.europa.eu/jrc/en/working-with-us/jobs/temporary-positions/jrc-trainees</a></p>
<p><b>Institute/Directorate Unit</b></p>	<p>Directorate I - Competences Text and Data mining Unit</p> <p>Further information: <a href="https://ec.europa.eu/jrc/en/about/jrc-in-brief">https://ec.europa.eu/jrc/en/about/jrc-in-brief</a></p>
<p><b>Indicative duration</b></p> <p><b>Preferred starting date</b></p>	<p>5 months</p> <p>As soon as possible</p>
<p><b>JRC Site</b></p> <p><b>Country</b></p>	<p>Ispra</p> <p>Italy</p>
<p><b><u>JRC contact details</u></b></p>	<p><b>For any technical problems with your application, please contact:</b>  <a href="mailto:JRC-ESRA@ec.europa.eu">JRC-ESRA@ec.europa.eu</a></p>