



2020-IPR-I-000-015048

Quantitative Analysis

<p>Position for:</p> <p>5 Trainees</p>	<p>As the science and knowledge service of the Commission, the mission of 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>Short description of activity:</p> <p>The European Commission's Joint Research Centre (JRC) in Ispra, Italy, is looking for 5 trainees to provide support on</p> <ol style="list-style-type: none">(i) developing and updating dashboards and composite indicators to monitor research and innovation in Europe;(ii) collecting existing international composite indicators and scoreboards to feed into the online Composite Indicators & Scoreboards Explorer;(iii) updating the Regional Gender Equality Monitor;(iv) studying the effect of Covid-19 on families, work, child-care arrangements and intra-household work division;(v) measuring CO2 emissions of households and studying attitudes towards climate change policies;(vi) investigating the drivers of loneliness;(vii) collecting information and data (e.g. budgets) on existing policies at city level to feed into the Cultural and Creative Cities Monitor's policy tool. <p>The traineeship will involve statistical analysis using a variety of large scale international surveys, such as the European Social Surveys, the Household Budget Surveys (HBS), the European Surveys on Income and Living Conditions (EU-SILC), the Eurobarometer surveys (EB), the JRC Covid-19 survey, Eurofound surveys or data from Eurostat.</p> <p>The tasks include:</p> <ul style="list-style-type: none">• Data mining;• Statistical and micro econometric analysis;• Collecting, developing or updating existing composite indicators;
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	<ul style="list-style-type: none"> • Literature reviews on the themes described above; • Contributing to drafting scientific reports. <p>By the end of the traineeship period, the trainees will have strengthened their competences on composite indicators and scoreboards, statistical and econometric analysis, and obtained valuable experience working with an international team committed to the support of the EU policy.</p> <p><u>Qualifications:</u> <u>Essential:</u></p> <ul style="list-style-type: none"> • University degree; • Good knowledge of statistical analysis and micro-econometrics; • Good programming skills in Stata or R; • Good command of oral and written English (level B2); <p><u>Advantage:</u></p> <ul style="list-style-type: none"> • Experience with advanced statistical methods (causal inference); • Experience with composite indicators and scoreboards; • Advanced programming skills in Stata or R • Experience with data scraping; <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>
Institute/Directorate Unit	<p>Competences</p> <p>I.1 Monitoring, Indicators and Impact Evaluation</p> <p>Further information:</p> <p>https://ec.europa.eu/jrc/en/about/institutes-and-directorates https://ec.europa.eu/jrc/en/research/crosscutting-activities/fairness</p>
Indicative duration	5 months
Preferred starting date	As soon as possible
JRC Site	Ispra
Country	Italy
<u>JRC contact details</u>	<p>For any technical problems with your application, please contact: HR-AMC8-RECRUITMENT-TOOLS-SUPPORT@ec.europa.eu</p>