



2016-IPR-D-000-6855

Sensitivity Analysis of Model Output

Position for:

Trainee

Short description of activity:

The mission of the **Econometrics and Applied Statistics Unit** is to provide policy monitoring and impact evaluation in areas relevant to progress and stability of the European society. The unit's research on statistical indicators, applied econometrics and sensitivity auditing is used in key policy areas such as growth, competitiveness, lifelong learning, employment, innovation, the internal market and other social dimensions. The Unit also includes a group on Science and Technology Studies.

The Trainee will be part of the **Science and Technology Studies Project** in the Econometrics and Applied Statistics Unit. The candidate will be involved in support and research activities in the field of sensitivity analysis of model output (SAMO), contributing to model development, calibration, validation, reduction, and decision-making under uncertainty.

The traineeship will entail quantitative analysis and literature reviews, contributing to high quality scientific publications and technical reports. The candidate will have a traineeship within an interdisciplinary team with strong background on science and technology studies.

Qualifications:

Essential.

The candidate must:

- ✓ be a recent graduate in engineering, statistics, or mathematics with an interest on modelling and sensitivity analysis studies.
- ✓ have experience in the use of statistical tools and programming (Matlab/R...), and be interested in engaging with critical thinking.
- ✓ have good command of spoken and written English (level B2).

	<p><u>Advantage.</u> An interdisciplinary background either academic or from previous professional experience.</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>
Institute/Directorate Unit	<p>Directorate General DDG.1 Econometrics and Applied Statistics</p> <p>Further information: https://ec.europa.eu/jrc/en/samo</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: JRC-ESRA@ec.europa.eu</p>