

**Part-Time Research Assistant - forecasts of systemic crises and online learning with
Jeremy FOULIARD (LBS) and Helene REY (LBS)**

We are seeking a highly skilled and driven individual to work as a part-time Research Assistant. The start date will ideally be as soon as possible. A long-term collaboration can be envisaged in case of successful research.

The job will entail collaboration on a project which aims at predicting systemic crises for emerging economies to assess the effectiveness of macroprudential instruments. The research assistant will work closely with Jeremy (LBS) but also his collaborators.

Responsibilities

The research assistant will have to replicate the methodology developed in [Fouliard and Rey \[2022\]](#) and based on the framework of sequential predictions for emerging economies. The research assistant will be expected to optimize the code.

In a second phase, the job will entail close collaboration on a number of new and ongoing projects in Statistics/Computer Science and in Economics, especially on topics related to causality. The final aim of the project is to determine the causal impact of macroprudential instruments on the probability of systemic crises.

Qualifications

This position is ideal for candidates with strong technical and quantitative backgrounds who are looking for more exposure to economics. The ideal candidates will have the following qualifications:

- Strong quantitative background;
- Strong familiarity with the online learning approach;
- Strong computer skills (especially coding in R);
- Ability to work independently.

A master's degree in Statistics, Mathematics, Computer/Data Science or other related disciplines is required (completed or in progress). Background in economic research is not necessary.

Work conditions

The salary is competitive. The position is remote. The approximative working time is 2 full days / week.

How to apply

Please email jfouliard@london.edu describing your interest in the position; your familiarity with programming languages and with the theory of sequential predictions; your prior experience as a research assistant or with independent research projects; and when you are available to start work