



**AMERICAN
UNIVERSITY OF BEIRUT**
**SULIMAN S. OLAYAN SCHOOL
OF BUSINESS**

Job title: Research Assistant

Research Project: Olayan School of Business

[Suliman S. Olayan School of Business \(OSB\)](#) at the [American University of Beirut](#) is inviting applications for a Research Assistant to work with Dr. Jihad Dagher for 1 full month starting immediately, with potential renewal.

Job Description

You will support econometrics and statistical analysis through: reading and summarizing literature, theoretical work (verifying mathematical proofs, applying existing methods to new estimations), simulation work (using either mathematical or statistical packages), empirical work (implementing estimators on datasets, producing figures and tables, maintaining reproducible code), and help communicating results using LaTeX. You are expected to be able to provide regular updates and attend regular zoom/WebEx meetings. For candidates located in Beirut, occasional in-person meetings at the AUB campus will be expected.

Qualifications

- MA/MSc (or current graduate student) in Statistics, Mathematics, Econometrics, or a related quantitative field.
- Strong mathematical foundations: linear algebra (eigen decompositions, projections), probability and asymptotics (assessing estimator's properties), high-dimensional/panel methods (two-way fixed effects, dyadic data), optimization basics, and causal inference (identification logic). As an example, you would be expected to understand the mathematics and statistical analysis in this paper:
https://www.nber.org/system/files/working_papers/w18890/revisions/w18890.rev0.pdf

[APPLY HERE](#) by attaching the following documents:

- Updated CV
- letter of intent explaining your motivation to apply for this position and qualifications
- A sample of your writings

Applications will be considered on a rolling basis