

The IER Seminar in Empirical Economics

We would like to invite you to the **Empirical Seminar** series organized by the Institute of Economic Research, Slovak Academy of Sciences, Šancová 56 that will be held in hybrid form (online and at the library of the Institute of Economic Research, Slovak Academy of Sciences). The seminar will take place on **May 5th, 2023 at 10:00 a.m. (CET)**.

The speaker will be **Jesús Crespo Cuaresma** (Department of Economics, Vienna University of Economics and Business, Austria).

The topic of the seminar is: ***Hidden in Plain Sight: Influential Sets in Linear Regression***

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Abstract

Influential sets are sets of observations that have considerable impact on econometric results. In this paper, we present a disciplined and insightful method for assessing the sensitivity of regression-based inference to influential sets. We explore algorithmic approaches to identify influential sets, discuss interpretation, and assess the sensitivity of earlier studies to these sets. We apply our method to some established empirical results in development economics, and show that these are impacted by influential sets of small size. Identifying and analyzing these sets can reveal potential omitted variable bias, unobserved heterogeneity, a lack of external validity, and technical limitations of the methodological approach used.

The seminar will be co-chaired by Mária Širaňová.

Link: <https://teams.microsoft.com/l/meetup-join/19%3aN1DbFP4xWw8up59Qx5Y-CJmz8Q-Y4jniJZWjqs6Q9RA1%40thread.tacv2/1682591097811?context=%7b%22Tid%22%3a%2217c92093-1286-4bb4-b6ea-02f3119dd49c%22%2c%22Oid%22%3a%22bb4baa4e-d6af-4a7d-ab1e-1c873df426de%22%7d>