



NEWSLETTER 2026|12

CALENDAR

Departmental Seminar

Martin Huber (Université de Fribourg)

"Difference-in-Differences with Time-varying Continuous Treatments using Double/Debiased Machine Learning"

IOS Seminar

Mykola Ryzhenkov (University of Osnabrück)

"International Trade when Ports are Blocked"

Mon, June 1st

12:00 - 13:15

VG 2.44

Tue, June 2

12:30 - 14:00

109 and zoom



ABSTRACTS AND FURTHER INFORMATION

Departmental Seminar

Martin Huber (Université de Fribourg)

"Difference-in-Differences with Time-varying Continuous Treatments using Double/Debiased Machine Learning"

We propose a difference-in-differences (DiD) framework designed for time-varying continuous treatments across multiple periods. Specifically, we estimate the average treatment effect on the treated (ATET) by comparing distinct non-zero treatment intensities. Identification rests on a conditional parallel trends assumption that accounts for observed covariates and past treatment histories. Our approach allows for lagged treatment effects and, in repeated cross-sectional settings, accommodates compositional changes in covariates. We develop kernel-based ATET estimators for both repeated cross-sections and panel data, leveraging the double/debiased machine learning framework to handle potentially high-dimensional covariates and histories. We establish the asymptotic properties of our estimators under mild regularity conditions and demonstrate via simulations that their undersmoothed versions perform well in finite samples. As an empirical illustration, we apply our estimator to assess the effect of the second-dose COVID-19 vaccination rate in Brazil and find that higher vaccination rates reduce COVID-19-related mortality after a lag of several weeks.

Info:

in person



IOS Seminar

Mykola Ryzhenkov (University of Osnabrück)

“International Trade when Ports are Blocked”

Ports are critical gateways for Ukrainian exports, but Russia’s invasion brought a naval blockade that severely disrupted trade logistics. Applying difference-in-differences and shift-share methods to monthly Trade Data Monitor data (2017-2024), we estimate the causal effects of lost maritime access on trade. Sea-dependent goods show sharp declines in export value and quantity, while the blockade drives modal switching and greater shipment volumes through alternative routes. Motivated by these findings, we develop a multi-country, multi-sector Ricardian trade model with supply chains and discrete transportation choice to quantify the welfare losses of port blockade. Our results shed light on the economic costs of restricted maritime access for trade-dependent economies in conflict.

Info:

Zoom-Meeting:

<https://https://ios-regensburg-de.zoom.us/j/68902085574?pwd=ZaptxzIAMAhcX3UuBDDJzcl6NrKVGW.1>

Meeting ID: 689 0208 5574

Passcode: 210393

RegensburgEconNews

Newsletter of the Institute of Economics and Econometrics

To change your Newsletter subscription, please visit:

<https://go.ur.de/RegensburgEconNews>

or send an email to econ.news@ur.de

Editorial deadline for Newsletter No. 2026|13:

Wednesday, June 3 | 11 am

FAKULTÄT FÜR WIRTSCHAFTSWISSENSCHAFTEN

INSTITUT FÜR
VOLKSWIRTSCHAFTSLEHRE UND
ÖKONOMETRIE

Universitätsstraße 31 | 93040 Regensburg

Newsletter-Redaktion:

Email: econ.news@ur.de

Website: <https://go.ur.de/econ-news>

Bildnachweis: per Email an Redaktion wenden