UNIVERSITÄT GRAZ
UNIVERSITY OF GRAZ

Department of Economics

Host: Assoz. Prof. Mag. Dr. Stefan Borsky

INVITATION

Prof. Sandy Dall'Erba
(University of Illinois at Urbana-Champaign)

On the topic:

"Instrumental variable network difference-in-differences (IV-NDID) estimator: model and application"

The difference-in-difference (DID) framework is now a well-accepted method in quasi-experimental research. However, DID does not consider treatment-induced changes to a network linking treated and control units. Our instrumental variable network DID methodology controls first for the endogeneity of the network to the treatment and, second, for the direct and indirect role of the treatment on any network member. Monte Carlo simulations and an estimation of the drought impact on global wheat trade and production demonstrate the performance of our new estimator. Results show that DID disregarding the network and its changes leads to significant underestimates of overall treatment effects.

Date: December 6, 2022
Starting time: 5.15 p.m.
Location: HS 111.21

All professors, lecturers, assistants and students are cordially invited to this lecture!