# Applied Economics (APEC) Student Seminar

## FALL 2023 SERIES PRESENTS: RODRIGO FRANCO JOB MARKET CANDIDATE

Estimating Treatment Effects, with Less Conservative Standard Errors An Empirical Approach to Borusyak, Jararvel, and Spiess (2021)



#### **Time:**

Wed. Sept. 6th, 2-3PM CT

#### **Place:**

119 Ruttan Hall

#### **Zoom Option:**

https://umn.zoom.us/j/98749918936

#### **Details:**

https://apecseminar.github.io/

### ABSTRACT:

This work reviews a recent paper by Borusyak et al. that estimates treatment effects with arbitrary heterogeneity using a two-way Fixed Effects estimator. It introduces an alternative bootstrap approach to compute standard errors, which offers advantages over clustering. I compare the benefits and limitations of both methods and provide insights into best practices for drawing statistical inferences under conditions where conventional standard error estimation is not feasible.