



LUDWIG-  
MAXIMILIANS-  
UNIVERSITÄT  
MÜNCHEN

VOLKSWIRTSCHAFTLICHE FAKULTÄT  
DEPARTMENT OF ECONOMICS



**New Topics in Applied Econometrics:  
Machine Learning, Big Data, and Other Recent Developments**  
Dr. Lukas Mergele & Dr. Sven Resnjanskij  
LS (Seminar)  
Wintersemester/winter semester 21/22

The seminar covers recent topics in applied econometrics. Some of these topics relate to the intersection of applied econometrics and new tools developed in the field of machine learning. Other topics include more traditional econometric methods that became popular again over the recent years. Most topics will be completely new for bachelor students. Hence, rather than focus on the technical details, both, the seminar presentation and the seminar paper should give an introduction to the topic that provides a strong intuition and discusses recent applications in the economics literature.

<b>Studiengang:</b> <i>Program:</i>	BSc
<b>Termin Vorbesprechung (tt.mm.jjjj):</b> <i>Date of preliminary meeting (dd.mm.yyyy):</i>	04.10.2021, 2 pm via Zoom
<b>*Bearbeitungszeitraum für die Hausarbeit:</b> <i>*Working period for term paper:</i>	4 weeks
<b>*Seminartermin:</b> <i>*Seminar date:</i>	01.12.2021, 02.12.2021
<b>Veranstaltungsort:</b> <i>Venue:</i>	ifo Institut, München
<b>falls außerhalb: Kostenschätzung:</b> <i>if out of Munich: estimated costs:</i>	— €
<b>Sprache:</b> <i>Language:</i>	English
<b>Empfohlene Vorkenntnisse:</b> <i>Recommended courses:</i>	Statistik 1 +2, Emp. Ökonomie 1 +2
<b>Methodischer Schwerpunkt:</b> <i>Methodological background:</i>	Applied Econometrics
<b>*Grundlagenliteratur:</b> <i>*Basic references:</i>	
<b>*Kontakt:</b> <i>Contact:</i>	mergele@ifo.de

\* Optional (falls schon bekannt) / optionally (if already known)