



# Causal Inference

Workshop, 1<sup>st</sup> term 2016-2017

Lecturer: **Paul C. Bauer**

Organised by **Fabrizio Bernardi & Diego Gambetta**

Please register [online](#)

Contact: [Martina.Selmi@eui.eu](mailto:Martina.Selmi@eui.eu)

## Course Outline

This workshop accompanies the course “Advanced Research Design” (ARD) taught by Fabrizio Bernardi and Diego Gambetta. While ARD focusses on the theoretical underpinnings of causal inference and the assumptions lurking behind different identification strategies, this workshop will provide students with the practical skills to apply those techniques in empirical research. Thereby, we’ll replicate one or two studies that are exemplary in their use of particular identification strategies. We’ll discuss strategies and replicate examples from studies that use instrumental variables, difference-in-differences and regression discontinuity designs. The aim is to give students hands on experience so that they may apply those strategies in their own research later on.

## Requirements:

This workshop is worth **10 credits** upon fulfilment of all requirements.

In order to obtain the 10 credits, participants are required to:

- 1) attend regularly;
- 2) finish and hand in the exercises given during the workshop.

## Prerequisites

- Basic knowledge of R (eventually a short introductory course to R will be provided);
- Having participated in ARD by Bernardi and Gambetta this year or in previous academic years

## Schedule

**Monday 12 December 2016, 14:00 – 18:00** (Seminar Room, Villa Paola)  
**Tuesday 13 December 2016, 14:00 – 18:00** (Seminar Room, Villa Paola)  
**Thursday 15 December 2016, 14:00 – 18:00** (Seminar Room, Villa Paola)