

Modern

Difference

in

Difference

Designs

A Two-Week Online Course

- Four hours of lectures per day
- Both synchronous and asynchronous options available
- Access to complete bank of code tutorials in both R & Stata
- Beta access to all course notes before they are made public
- A ~15-minute pre-course meeting to discuss research
- A ~30-minute mid-course meeting to discuss research
- A customized reading list
- A customized analysis plan

Rotating Topics Include

- Parallel Trends
- Statistical Inference
- Staggered Timing Problems
- Treatment Reversals
- Categorical & Continuous Treatments
- Heterogeneous Treatment Structures & Treatment Effects
- Interference, Spillover, and Noncompliance
- Synthetic Control for Case Studies & Full Panel Settings
- Conditioning on Confounders
- Latent Variable Methods
- Quantile-Based Methods
- Bayesian DiD

Pricing Options

Standard Tickets: \$2000

Lottery Winners: FREE

E-mail to inquire about
custom classes or group rates

Modern DiD

Anyone interested in entering the course
lottery please see my website

2021 Schedule

April 12-23

University
of Milan

May 24-June 4

Hessian LLC

June 28-July 9

ICPSR
Summer
Program

September 13-24 Hessian LLC

Register [HERE](#)

Day 0

Before Class

- Fill out background survey
- Schedule 15-minute consult with instructor
- Schedule 30-minute consult with instructor
- Download & Install Software
 - Slack
 - R
 - RStudio
 - Stata 17
- Run pre-course scripts to install packages in R & Stata
- Run pre-course testing scripts to make sure everything works
- Fill out the “*something’s broken*” survey to confirm everything above worked fine
 - If not, we will schedule a consult to fix it prior to class

Day 1

Monday

Session 1

10:00-11:15

Intro to the Workshop

30 Minute Break

Session 2

11:45-1:00

Intro to DiD Designs

30 Minute Break

Session 3

1:30-3:00

Intro to Stata for DiD

Intro to R for DiD

Day 2

Tuesday

Session 1

10:00-11:15

Thinking Through
Assignment Structures

30 Minute Break

Session 2

11:45-1:00

Thinking Through
Treatment Structures

30 Minute Break

Session 3

1:30-3:00

Thinking Through
Effect Structures

Day 3

Wednesday

Session 1

10:00-11:15

Parallel Trends

30 Minute Break

Session 2

11:45-1:00

Conditioning on Things

30 Minute Break

Session 3

1:30-3:00

Latent Variable Methods

Day 4

Thursday

Lab 1

10:00-11:15

Major Packages for
DiD in Stata
30 Minute Break

Lab 2

11:45-1:00

Major Packages for
DiD in R
30 Minute Break

Lab 3

1:30-3:00

Special Topics Packages in
R & Stata

Day ★

Friday & Monday

One on one *~30-minute* research meetings to discuss student work.

They will include

- A customized reading list
- A personal research design plan

Meetings are scheduled by the start of the course via a course survey

Day 5

Tuesday

Session 1

10:00–11:15

Theory of Staggered Timing

30 Minute Break

Session 2

11:45–1:00

The DiD package

30 Minute Break

Session 3

1:30–3:00

Other Timing Problems

Day 6

Wednesday

Session 1

10:00-11:15

Multicategory Treatments

30 Minute Break

Session 2

11:45-1:00

Continuous Treatments

30 Minute Break

Session 3

1:30-3:00

Other Weird Treatment Structures

Day 7

Thursday

Session 1

10:00–11:15

Interference, Spillover,
and Noncompliance

30 Minute Break

Session 2

11:45–1:00

Generalized Counterfactual
Estimation

30 Minute Break

Session 3

1:30–3:00

Special Topics
by Request

Day 8

Friday

Session 1

10:00-11:00

Thinking About

Modern DiD

60 Minute Break

Session 2

12:00-1:00

Q&A

Modern DiD