

Treatment Effects

Francis DiTraglia

Oxford Economics Summer School 2022

Welcome to Oxford!

Course Logistics

Lecturer

Frank DiTraglia (ditraglia.com, [@economictricks](https://twitter.com/economictricks))

Teaching Assistants

Sinan Shi & Miriam Stricker

Course Materials

<https://www.treatment-effects.com/syllabus/>

Housekeeping Notices

Toilets

On the 1st and 2nd floor: directions.

Fire Alarm

In case of a fire alarm, please exit the building as quickly as possible using the nearest fire exit: **out via main exit** or **left and out via cafe side exit**.

Emergencies

In case of any emergency, please report to reception.

Catering / Refreshments

All refreshments and lunches will be provided in the common room. Please use the common room to eat or take lunches outside if the weather is nice.

Fun Events!

Monday Drinks

Tonight at 6:30pm at St Hilda's college (\approx 15 minute walk from here)

Wednesday Dinner

At St Peter's College (\approx 20 minute walk from here). Drinks at 6:30; dinner at 7:30.

Treatment Effects: Course Overview

Lectures: 9-11am

1. Partial Identification
2. Testing the LATE Assumptions
3. Marginal Treatment Effects I
4. Marginal Treatment Effects II
5. Spillovers

Practical Classes: 4:30-6pm

1. Intro to simulation in R
2. Treatment Effects I
3. Machine Learning I
4. Treatment Effects II
5. Machine Learning II

Special Practical Session

For students who have a conflict in the afternoon: Monday, Tuesday, and Thursday at 11am covering **Treatment Effects Only**