

## Methods for public policy evaluation

**ECTS** : 3

### **Description du contenu de l'enseignement :**

Slides will be provided to the students.

1. Potential outcomes
2. Randomized experiments
3. Matching
4. Instrumental variables
5. Regression discontinuity
6. Difference in difference
7. Synthetic control

### **Compétence à acquérir :**

Discover the different tools that can be used to evaluate a public policy. Understanding the main assumptions and data that are necessary, but also understand the type of parameters that are estimated.

### **Mode de contrôle des connaissances :**

Examen écrit.

### **Bibliographie, lectures recommandées :**

Cunningham, S. (2021). *Causal inference: The mixtape*. Yale university press.

Huntington-Klein, N. (2021). *The effect: An introduction to research design and causality*. Chapman and Hall/CRC.