Syllabus

[cmcd.economia@fgv.br]

Course Name: Decision Theory
Faculty:

COURSE OUTLINE

This is a course on recent advances in decision theory. This year's course will focus on stochastic choice, i.e. probabilistic predictions over choices. Among such models are included Logit, Probit, Nested Logit, etc. The idea is to understand such models by identifying key properties that are necessary and sufficient for a probabilistic prediction to be representable by the model.

The course will have two parts. In the first part, we will have lectures following the textbook. In the second part, we will have presentations and discussion of recent papers.

COURSE PROGRAM

Static Choice
Risk and Learning
Dynamic Choice
Discrete Choice

BIBLIOGRAPHY

The main book that we will use is Tomasz Strzalecki's "Stochastic Choice Theory". We will also use David Kreps' "Notes on the Theory of Choice". For the second part, we will use mostly recent research papers, and a list of papers will be given.

GRADING

Students will be evaluated based on a written report and an oral presentation about a selected paper.

CONTACT