

Sogang Economics Mini Course (February 2024):

Vector Autoregressive (VAR) Models

- Instructor: Joonyoung Hur
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- Dates
 - February 20 (Tuesday), 21 (Wednesday), 22 (Thursday), from 10:00am to 12:00pm (2 hours a day, 6 hours in total)
- Course format: offline classes (classroom will be announced)
- Course description
 - The objective of this course is to understand vector autoregressive (VAR) models with various shock identification methods
- Prerequisites
 - Undergraduate statistics class or equivalent course
 - Undergraduate macro core class or equivalent course
 - Graduate macro core class or equivalent course (optional)
- Course materials
 - There are no required textbooks. Lecture slides and corresponding MATLAB codes will be distributed prior to the classes

- Course schedule
 - February 20: basics of VAR models with recursive identification
 - February 21: Bayesian VAR models with sign restrictions
 - February 22: Bayesian VAR models with hybrid restrictions (combination of short-run and long-run restrictions, and sign restrictions)