科目区分	学部演習
科目名	実証分析演習Ⅱ
曜日・講時	後期 水曜日 2講時
単位数	2
担当教員	森田 果
実務・実践的授業 ※〇は、実務・実践的授業であることを示す。	
授業形態	演習
週間授業回数	1回毎週
配当学年	-
対象学年	-
科目ナンバリング	-B
使用言語	2カ国語以上
メディア授業科目 /Media Class Subjects	
主要授業科目 /Essential Subjects	〇

実施方法 (対面・リアルタイム・オンデマンド・ハイブリッド等)	in person
連絡方法とクラスコード	
初回授業日等	Oct 2
授業題目	Introduction to Empirical Analysis (or Introduction to Empirical Legal Studies)
授業の目的と概要	Today many people realize that knowing and understanding data can make difference. Even the field of law, where textual and qualitative analyses have long been the tradition, is no exception. In order to understand the social impact of a specific legal rule, it would be better to rely on actual data. The focus of this year is causal inference. In this seminar, we focus on how to implement causal inference employing statistical programming software. The main software is 'R'. R is an open software and you can download it for free.
学習の到達目標	Whatever field you are working on --- law, political science, and other social science ---, you will learn various techniques of quantitative empirical analysis.
授業内容・方法と進度予定	In each class meeting, a designated participant needs to sum up and present the contents of the reading assignment of the week. The reporter of the week is required to complement the reading assignments in order to help the understanding of other participants. Each participant should have a (laptop) PC in order to install R (and Rstudio) and run practices. Although mathematics and programming are not prerequisites for this course, some basic knowledge of these areas will be helpful. At the end of the seminar, each participant is required to present his or her own research agenda. Each participant can get feedback. The topics covered in the seminar will include: - the basic mechanism of causal inference - various techniques of causal inference - introduction to R - graphical presentation
成績評価方法	Class participation (80%) Presentation at the end of the seminar (20%)

教科書および参考書	Tentatively, we are planning to use a textbook on causal inference, such as Scott Cunningham, Causal Inference: Mixtape	
授業時間外学習	It is highly recommended that you practice the analyses outside of class meetings because you can learn how to do statistical analysis only by practicing by yourself.	
その他	You can check the updates for this seminar at: http://www.law.tohoku.ac.jp/~hatsuru/	
更新日付	2024/02/14 15:50	

1単位の授業科目は、45時間の学修を必要とする内容をもって構成することを標準としています。1単位の修得に必要となる学修時間の目安は、「講義・演習」については15～30時間に授業および授業時間外学修（予習・復習など）30～15時間、「実験、実習及び実技」については30～45時間の授業および授業時間外学修（予習・復習など）15～0時間です。
One-credit courses require 45 hours of study. In lecture and exercise-based classes, one credit consists of 15-30 hours of class time and 30-15 hours of preparation and review outside od class. In laboratory, practical skill classes, one credit consists of 30-45 hours of class time and 15-0 hours of preparation and review outside of class.