Tuesdays and Thursdays			s and Emerging Methods in Applied Econo	1:00 - 2:20pm	Baker Hall 121
Week#	Tuesday	Thursday	Topics	Final Project	Assessments
1	January 14	January 16	Course Introduction		
	Class 1	Class 2	R Basics		
	Lecture	Lecture			
2	January 21	January 23	Version Control with GitHub		
	Class 3	Class 4	R Markdown		
	Lecture	Lecture			
	January 28	January 30	Data Wrangling		4
3	Class 5	Class 6	Joining Data		Assignment 1 Due
	Lecture	Lecture	_		Friday, January 31
	February 4	February 6	Data Tidying with tidyr		
4	Class 7	Class 8	Data Cleaning		
	Lecture	Lecture	_		
5	February 11	February 13	Data Cleaning, Continued		
	Class 9	No Class			Assignment 2 Due
	Lecture				Friday, February 1
6	February 18	February 20	Data Visualization		
	Class 10	Class 11			
	Lecture	Lecture			
	February 25	February 27	Data Acquisition		
7	Class 12	Class 13	Scraping Static Websites	Proposal Due Friday,	Assignment 3 Due
•	Lecture: Review	Lecture	Scraping Dynamic Websites	February 28	Friday, February 2
	March 4	March 6			
8	No Class - Spring Break	No Class - Spring Break			
	March 11	, ,	Data Association through ADIa		
9		March 13 Class 15	Data Acquisition through APIs		
9	Class 14 Lecture	Lecture	Intro to Programming Iteration		
10	March 18 Class 16	March 20 Class 17	Function Writing Vectorization and Paralellization		Assignment 4 Due
10	Lecture	Lecture	Intro to Regression		Friday, March 21
	March 25	March 27	Fast Fixed Effects and IV Regression		
11	Class 18	Class 19	Tables and Figures from Regression Output		
	Lecture	Lecture	Causal Inference Methods in R		
	April 1	April 3	Synthetic Control Methods in R		
12	Class 20	Class 21	Introduction to Spatial Data		Assignment 5 Due
	Lecture	Lecture	Vector Data in R		Friday, April 4
	April 8	April 10	Raster Data in R		
13	Class 22	Class 23	Joining Raster and Vector Data		
	Lecture	Lecture	Spatial Regression Methods		
14	April 15	April 17	Intro to Machine Learning and Classification		
	Class 24	Class 25	Model Selection and Regularization	Material Submission Due	
	Lecture	Lecture	Regression Trees and Forest-Based Methods	Sunday, April 20	
	April 22	April 24	Machine Learning for		
15	Class 26	Class 27	Causal Treatment Effects		Assignment 6 Du
	Lecture	Lecture	- Causar Heatment Effects		Friday, April 27
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