Motivation and review	Dates	Class topic	Assignments due
Module 1: Association studies		Motivation and review	
Module 1: Association studies	1/31/17	Class overview	
2/7/17 Introduction to association studies Pre-class journal: 2/6 &:00PM 2/9/17 Statistical methods for association studies and simulation experiments Journal: 2/12 11:59PM 2/16/17 Literature discussion: debate Simulation activities: 2/19 11:59PM 2/21/17 Literature discussion: in-class review Journal: 3/5 11:59PM 2/23/17 Literature discussion: in-class review Journal: 3/5 11:59PM Module 2: Causal Inference Fundamental ideas in causal inference, randomized trials, and interrupted time series 3/2/17 Papers: randomized trials and interrupted time series 3/7/17 Matching methods and instrumental variables Journal: 3/19 11:59PM 3/9/17 Papers: matching methods and instrumental variables Journal: 3/19 11:59PM 8/16/17 Review: modules 1 and 2 Final project milestone 1: 3/19 11:59PM 3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/28/17 Discussion: survey analysis paper Journal: 4/15 11:59PM 4/4/17 Survival Analysis Pre-class journal: 4/2 4/4/17 Discussion: survival analysis paper Journal: 4/12 11:59PM 4/6/17	2/2/17	Statistics review	
2/9/17 Statistical methods for association studies and simulation experiments Journal: 2/12 11:59PM 2/16/17 Literature discussion: debate Simulation activities: 2/19 11:59PM 2/21/17 Literature discussion: in-class review Journal: 3/5 11:59PM 2/23/17 Literature discussion: in-class review Journal: 3/5 11:59PM Module 2: Causal Inference Fundamental ideas in causal inference, randomized trials, and interrupted time series / regression discontinuity designs Journal: 3/19 11:59PM 3/2/17 Papers: randomized trials and interrupted time series Journal: 3/19 11:59PM 3/9/17 Papers: matching methods and instrumental variables Journal: 3/19 11:59PM 8/16/17 Review: modules 1 and 2 Final project milestone 1: 3/19 11:59PM 3/16/17 Review: modules 1 and 2 Pre-class journal: 3/27 11:59PM 3/28/17 Discussion: survey analysis ideas Pre-class journal: 4/5 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM 4/4/17 Survival analysis ideas Pre-class journal: 3/27 11:59PM 4/4/17 Discussion: survival analysis paper Journal: 4/12 11:59PM 4/4/17 Final project milestone 2: 4/9 11:59PM		Module 1: Association studies	
2/14/17 simulation experiments Simulation activities: 2/19 11:59PM 2/16/17 Literature discussion: debate Simulation activities: 2/19 11:59PM 2/23/17 Literature discussion: in-class review Journal: 3/5 11:59PM Module 2: Causal Inference Fundamental ideas in causal inference, randomized trials, and interrupted time-series/ regression discontinuity designs Tendamental deasing causal interrupted time series 3/2/17 Papers: randomized trials and interrupted time series Journal: 3/19 11:59PM 3/9/17 Matching methods and instrumental variables Journal: 3/19 11:59PM 3/14/17 No class Final project milestone 1: 3/19 11:59PM 3/16/17 Review: modules 1 and 2 Final project milestone 1: 3/19 11:59PM 3/28/17 Survey Analysis Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM 4/11/17 Final project milestone 2: 4/9 11:59PM 4/11/17 Final project milestone 3: 4/23 11:59PM 4/20/17	2/7/17	Introduction to association studies	Pre-class journal: 2/6 8:00PM
	2/9/17	Statistical methods for association studies and	Journal: 2/12 11:59PM
11:59PM	2/14/17	simulation experiments	
Dournal: 3/5 11:59PM	2/16/17	Literature discussion: debate	
Module 2: Causal Inference Fundamental ideas in causal inference, randomized trials, and interrupted time-series/regression discontinuity designs	2/21/17	Literature discussion: in-class review	
Fundamental ideas in causal inference, randomized trials, and interrupted time-series/regression discontinuity designs 3/2/17 Papers: randomized trials and interrupted time series 3/7/17 Matching methods and instrumental variables 3/9/17 Papers: matching methods and instrumental variables Review 3/14/17 No class 3/16/17 Review: modules 1 and 2 Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis 3/28/17 Survey analysis ideas 3/30/17 Discussion: survey analysis paper Module 4: Survival Analysis 4/4/17 Survival analysis ideas 4/6/17 Discussion: survival analysis paper Croup presentations: literature evaluations 4/11/17 Final project milestone 2: 4/9 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations: day 1 Fresentations: day 2	2/23/17	Literature discussion: in-class review	Journal: 3/5 11:59PM
2/28/17 trials, and interrupted time-series/regression discontinuity designs 3/2/17 Papers: randomized trials and interrupted time series 3/9/17 Matching methods and instrumental variables 3/9/17 Papers: matching methods and instrumental variables Review 3/14/17 No class Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis 3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Group presentations: literature evaluations 4/11/17 4/13/17 4/18/17 Final project milestone 2: 4/9 11:59PM Review 4/20/17 Review day 1 4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/2/17 Presentations: day 1			
3/7/17 Matching methods and instrumental variables Journal: 3/19 11:59PM 8/9/17 Papers: matching methods and instrumental variables Journal: 3/19 11:59PM Review Review 3/14/17 No class Final project milestone 1: 3/19 11:59PM Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis 3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM 4/6/17 Discussion: survival analysis paper Final project milestone 2: 4/9 11:59PM 4/11/17 Group presentations: literature evaluations 4/13/17 4/18/17 4/20/17 Final project milestone 3: 4/23 11:59PM 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 2	2/28/17	trials, and interrupted time-series/regression	
3/9/17 Papers: matching methods and instrumental variables Journal: 3/19 11:59PM Review Spring Break: 3/20/17-3/26/17 Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis Pre-class journal: 3/27 11:59PM Module 4: Survival Analysis Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM Pre-class journal: 4/3 11:59PM Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Group presentations: literature evaluations 4/11/17 4/13/17 4/20/17 Review 4/20/17 Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations: day 1 5/2/17 Presentations: day 2	3/2/17	Papers: randomized trials and interrupted time series	
Review 3/14/17 No class Final project milestone 1: 3/19 11:59PM Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis Pre-class journal: 3/27 11:59PM Survey analysis ideas Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 3: 4/20/17 Final project milestone 3: 4/23/17 Review day 1 Final project milestone 3: 4/27/17 Review day 2 Final presentations		Matching methods and instrumental variables	
3/14/17 No class Final project milestone 1: 3/19 11:59PM Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis 3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM 4/11/17 Final project milestone 3: 4/23 11:59PM 4/18/17 Final project milestone 3: 4/23 11:59PM 4/20/17 Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 2	3/9/17	Papers: matching methods and instrumental variables	Journal: 3/19 11:59PM
Spring Break: 3/20/17-3/26/17 Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM Journal: 4/12 11:59PM Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 3: 4/23/17 Final project milestone 3: 4/23/17 Final project milestone 3: 4/25/17 Review day 1 Review day 2 Final presentations Final presentation		Review	
Spring Break: 3/20/17-3/26/17 Module 3: Survey Analysis Pre-class journal: 3/27 11:59PM Survey analysis ideas Pre-class journal: 3/27 11:59PM Journal: 4/5 11:59PM Module 4: Survival Analysis Pre-class journal: 4/3 11:59PM Journal: 4/12 11:59PM Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Final project milestone 3: 4/20/17 Final project milestone 3: 4/23 11:59PM Final project milestone 3: 4/20/17 Final project milestone 3: 4/27/17 Review day 1 Final presentations	3/14/17	No class	
Module 3: Survey Analysis 3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Group presentations: literature evaluations 4/11/17 4/13/17 4/18/17 Final project milestone 3: 4/23 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	3/16/17	Review: modules 1 and 2	
3/28/17 Survey analysis ideas Pre-class journal: 3/27 11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Group presentations: literature evaluations 4/11/17 Final project milestone 3: 4/23 11:59PM 4/20/17 Final project milestone 3: 4/23 11:59PM 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 2		Spring Break: 3/20/17-3/26/17	
11:59PM 3/30/17 Discussion: survey analysis paper Journal: 4/5 11:59PM Module 4: Survival Analysis			
Module 4: Survival Analysis 4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Group presentations: literature evaluations 4/11/17 4/13/17 4/18/17 Final project milestone 3: 4/23 11:59PM 4/20/17 Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 2	3/28/17	Survey analysis ideas	Pre-class journal: 3/27 11:59PM
4/4/17 Survival analysis ideas Pre-class journal: 4/3 11:59PM 4/6/17 Discussion: survival analysis paper Journal: 4/12 11:59PM Final project milestone 2: 4/9 11:59PM Group presentations: literature evaluations 4/11/17 4/13/17 4/18/17 Final project milestone 3: 4/23 11:59PM 4/20/17 Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations Final presentations: day 1 5/2/17 Presentations: day 2	3/30/17	Discussion: survey analysis paper	Journal: 4/5 11:59PM
11:59PM Journal: 4/12 11:59PM Final project milestone 2: 4/9 Final project milestone 3: 4/13/17 Final project milestone 3: 4/23 11:59PM Final project milestone 3: 4/23 11:59PM Final project milestone 3: 4/23 11:59PM Final project milestone 3: 4/27/17 Review day 1 Final presentations Final presentations Final presentations Final presentations: 4/27/17 Presentations: 4/2		Module 4: Survival Analysis	
4/6/17Discussion: survival analysis paperFinal project milestone 2: $4/9$ 11:59PMGroup presentations: literature evaluations $4/11/17$	4/4/17	Survival analysis ideas	11:59PM [^]
4/11/17 4/13/17 4/18/17 Final project milestone 3: 4/23 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/6/17	Discussion: survival analysis paper	Final project milestone 2: 4/9
4/13/17		Group presentations: literature evaluations	
4/18/17 Final project milestone 3: 4/23 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/11/17		
4/20/17 Final project milestone 3: 4/23 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/13/17		
#/20/17 4/23 11:59PM Review 4/25/17 Review day 1 4/27/17 Review day 2	4/18/17		
4/25/17 Review day 1 4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/20/17		
4/27/17 Review day 2 Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2		Review	
Final presentations 5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/25/17	Review day 1	
5/2/17 Presentations: day 1 5/4/17 Presentations: day 2	4/27/17	Review day 2	
5/4/17 Presentations: day 2		Final presentations	
	5/2/17	Presentations: day 1	
Final project paper due Wednesday, 5/17 5PM	5/4/17	Presentations: day 2	