

Week	Date	Topic/Activity	Materials
1	Wednesday, August 29, 2018	Statistical Inference: Frequentist Vs Bayesian	Chapter 2 https://github.com/QuantGen/RIntro Chapter 2
	Friday, August 31, 2018	Beliefs and Probability	
	Monday, September 3, 2018	No-class	
	Wednesday, September 5, 2018	Intro to R (Marco Lopez-Cruz)	
2	Friday, September 7, 2018	Beliefs and Probability (cont)	Chapter 2
	Monday, September 10, 2018	Beta-Binomial Model	Chapter 3
	Wednesday, September 12, 2018		
	Friday, September 14, 2018		
3	Monday, September 17, 2018	Poisson-Gamma Model	Chapter 3
	Wednesday, September 19, 2018		
	Friday, September 21, 2018		
	4	Monday, September 24, 2018	Predictive Distirbution
Wednesday, September 26, 2018			
Friday, September 28, 2018			
5		Monday, October 1, 2018	Normal Model (Ch. 5)
	Wednesday, October 3, 2018		
	Friday, October 5, 2018		
	6	Monday, October 8, 2018	Gibbs Sampler in the Normal Model (Ch. 6)
Wednesday, October 10, 2018			
Friday, October 12, 2018			
7		Monday, October 15, 2018	Midterm
	Wednesday, October 17, 2018	Discussion of Midterm	
	Friday, October 19, 2018	Least Squares in the simple linear regression	
	8	Monday, October 22, 2018	Least Squares in the simple linear regression (cont)
Wednesday, October 24, 2018		Least Squares in the Multiple Linear Regression Model	Handout & Ch. 9
Friday, October 26, 2018			
9		Monday, October 29, 2018	Bayesian Multiple Linear Regression Model (with flat prior)
	Wednesday, October 31, 2018		
	Friday, November 2, 2018		
	10	Monday, November 5, 2018	Bayesian Multiple Linear Regression Model (with informative prior)
Wednesday, November 7, 2018			
Friday, November 9, 2018			
11		Monday, November 12, 2018	Logistic Regression, Maximum Likelihood Estimation & Inference
	Wednesday, November 14, 2018		
	Friday, November 16, 2018		
	12	Monday, November 19, 2018	Bayesian Logistic Regression using Metropolis Hastings
Wednesday, November 21, 2018		No class, Thanksgiving break	
Friday, November 23, 2018			
13		Monday, November 26, 2018	TBA
	Wednesday, November 28, 2018		
	Friday, November 30, 2018		
	14	Monday, December 3, 2018	TBA
Wednesday, December 5, 2018		TBA	
Friday, December 7, 2018		Last class (questions for the final)	
15		Monday, December 10, 2018	Final Exam (7:45-9:45 am, A222 Wells Hall)
	Wednesday, December 12, 2018		
	Friday, December 14, 2018		