Course overview

This is timetable gives an overview of the course structure.

It may be updated as the course progresses.

Week	Topic	Dates	Book chapters	Other resources
1	Introduction to the course and R	08.01.2019 - 10.01.2019	The New Statistics in R: Appendix 1	R resources
2	Inference and maximum likelihood	15.01.2019 - 17.01.2019	The New Statistics in R: Chapter 8	Generalized Linear Models with Examples in R: Chapter 4 The Analysis of Biological Data: Chapter 20
3	The Normal Distribution	22.01.2019 - 25.01.2019		The Analysis of Biological Data: Chapter 10 Wikipedia page
4	Regression	29.01.2019 - 31.01.2019	The New Statistics in R: Chapter 4	Generalized Linear Models with Examples in R: Chapter 2 The Analysis of Biological Data: Chapters 17 and 18
5	Model Checking	05.02.2019 - 07.02.2019	The New Statistics in R: Throughout	Generalized Linear Models with Examples in R: Chapter 8
6	Multiple Regression	12.02.2019 - 14.02.2019	The New Statistics in R: Chapters 4 and 6	
7	Categorical Variables	19.02.2019 - 21.02.2019	The New Statistics in R: Chapters 2, 3, and 7	The Analysis of Biological Data: Chapter 15
8	Model Selection	26.02.2019 - 28.02.2019	The New Statistics in R: Throughout	
9	Generalized Linear Models	05.03.2019 - 07.03.2019	The New Statistics in R: Chapter 8	Generalized Linear Models with Examples in R: Chapters 5-8
10	Poisson Regression	12.03.2019 - 14.03.2019	The New Statistics in R: Chapter 9	Generalized Linear Models with Examples in R: Chapter 10 The Analysis of Biological Data: Chapter 13
11	Binomial/logistic Regression	19.03.2019 - 21.03.2019	The New Statistics in R: Chapter 9	Generalized Linear Models with Examples in R: Chapter 9 The Analysis of Biological Data: Chapter 13
12	Overdispersion	26.03.2019 - 28.03.2019		
13	GLMM/Revision and recap	02.04.2019 - 04.04.2019	The New Statistics in R: Chapter 11	