

Temporal Ecology Lab Meetings — Autumn 2023

Lab meeting is Wednesdays at 1pm PDT in BRC

Date	Who/Topic	Snacks?	Reading
13 Sep*	G-Gothic (Deirdre)		Ch. 1-2
20 Sep*	B-Simulating data		Ch. 3
27 Sep	G-open		Ch. 4
4 Oct	B-Workflow (Lizzie)		Ch. 5
11 Oct	G-Grad school/Careers		Ch. 6-7
18 Oct*	B-Fredi?		Ch. 8
25 Oct*	G-open		Ch. 9
1 Nov*	B-open		Ch. 10-11
8 Nov*	G-open		Ch. 12
15 Nov*	B-open		Ch. 13
22 Nov*	G-open		Ch. 14
29 Nov			
6 Dec	B-hierarchical (Lizzie)		Ch. 15-16
12 Dec*	<i>tentative</i>		

*Lizzie is away

There is one main textbook: *Regression and Other Stories* (ROS) by Gelman, Hill & Vehtari (more info here, including ROS online PDF). Chapters (Ch) mentioned in the syllabus come from this book unless otherwise noted. For multi-level modeling we will read from *Data Analysis Using Regression and Multilevel/Hierarchical Models* by Gelman & Hill (more info here); note that I refer to this book as **ARM** or Gelman & Hill (much of the first half of ARM is in ROS. If time allows we may read one chapter from *Statistical Rethinking* (SR) by MacElreath (more info here). Relevant repos are: bayesforever and gelmanhill (which has good vocab).

Topics to cover: midge, grants/proposals, EDI, shoot elongation TreeRingSys (needs a name, our new approach!), how to give feedback, Smithers research, chilling,

Journals: Post titles and links [here](#). Post EDI articles on lab meeting papers and/or here.

Seminars not to miss:

- 6 December: Barnabas Daru