

Computing Club



Derek Hansen (organizer)
Statistics PhD Council Computing Committee

What is Computing Club?

- “Reading group” for computing-related topics
 - Each meeting someone volunteers to lead a discussion about a topic
 - Informal talks which could be 5 minutes or 45.
 - Format is flexible! You could...
 - Give a presentation
 - Lead a hands-on workshop
 - Facilitate a group discussion
 - You do not have to be an “expert” to present!
- Currently comprised of Statistics PhD students, but plan to expand in future
- Organized and run by the Statistics Student Computing Committee
 - Members are: Simon Fontaine, Derek Hansen, Dan Kessler, and Rob Trangucci

Example talks from JHU 2018-2019

Date (Location)	Topic	Presenter
Sep 18, 2018 (E9519)	Data science project workflow (slides)	Ben Ackerman
Oct 16, 2018 (W2029)	The JHPCE Cluster: What does it do? Does it do things? Let's find out! (cluster-example GitHub repo)	Jacob Fiksel
Nov 13, 2018 (E9519)	R Packages for the first year PhD curriculum (useful for non-phd students too!)	Lacey Etzkorn
Nov 27, 2018 (W4030)	Speeding up R with Rcpp (talk GitHub repo , talk slides)	Stephen Cristiano
Jan 29, 2019 (W2029)	Intro to Deep Learning (slides)	Guoqing Wang
Feb 12, 2019 (E9519)	Some topics seen at RStudio 2019 conference (slides)	Marta Karas
Feb 26, 2019 (W2029)	Blogdown tutorial: how to make your own personal academic website! (abstract and slides link)	Ben Ackerman
Apr 16, 2019 (W4030)	Computational and statistical methods in single-cell genomics (slides)	Zhicheng (Jason) Ji
Apr 30, 2019 (W4030)	Simulation studies on the cluster, and parallel computing in R with limited memory (slides)	Lamar Hunt

Logistics

- We meet roughly **every other Wednesday, 2:30PM-3:30PM in WH470**
- Six meetings scheduled for Fall 2019
 - 9/18 (today)
 - 10/2
 - 10/9
 - 10/23
 - 11/06
 - 11/20
- Meetings next Winter will be scheduled via polling the MCommunity group

MCommunity

- MCommunity Group: stats-computing-club
 - Open to join on <https://mcommunity.umich.edu/> (as of noon on 9/18)
 - Alternatively, email the organizer (me) at stats-computing-club-requests@umich.edu
 - Student Computing Committee: stat-phd-council-computing@umich.edu
- stats-computing-club is the primary mailing list for:
 - Information/invitations to upcoming meetings
 - Scheduling a meeting time for next winter
 - Links to slides/materials after meetings
 - Follow-up discussions related to the club
- Should we start a Slack channel as well?

Wiki Page

- Wiki page for the club: https://wiki.stat.lsa.umich.edu/index.php/Computing_Club
- The Wiki page is the primary location for information about...
 - Scheduled meeting times and locations
 - Past presentations, including links to any slides and materials used
 - Link to the Computing Club Google Drive folder
 - Ideas for future meetings
 - Links to external computing resources

Possible Ideas

- Make public-facing website
 - Could host on github.io
 - JHU and UC3M have this
 - Showcase presentations made by students in our department
 - Another selling point for recruiting students and faculty
 - Help the greater statistics and internet community
- Apply for funding from department and outside sources
 - Refreshments at meetings
 - Invite speakers outside of UM
- Your ideas!
 - We want to be a great resource for all UM PhD students
 - Don't hesitate to give suggestions/feedback

Thank you!