

BMI 881

Biomedical Data Science Scholarly Literature 1

kbroman.org/BMI881

Karl Broman
kbroman.org

Goals

- ▶ Read and discuss a bunch of journal articles
- ▶ Critical evaluation of articles
- ▶ Practice talking about data science
- ▶ Get to know each other

Responsibilities

- ▶ Read the papers in advance
- ▶ Arrive on time
- ▶ Participate in the discussions
- ▶ Let me know if you need to miss a class
- ▶ Tuesdays:
 - 2-paragraph summary of papers to be discussed that day
 - Plus 2 or more questions for discussion
- ▶ A couple of other written assignments during the semester

Tuesday summaries

- ▶ One paragraph summarizing the work
- ▶ One paragraph with your reaction
- ▶ Two or more questions for discussion
- ▶ Posted someplace that I can get them:
 - Blog
 - Github repository
 - Box or Dropbox or Google Drive folder
 - Email them to me (least preferred)
- ▶ Post by 8:00am each Tuesday

Office hours

- ▶ Tuesday 9:30-10:30am, or by appointment
- ▶ 2126 Genetics-Biotechnology
- ▶ or Zoom: https://bit.ly/broman_office_hours

Norms for discussion

- ▶ Presume positive intentions
- ▶ Engage respectfully
- ▶ Listen attentively
- ▶ Aim for equal participation
- ▶ Respect boundaries
- ▶ Provide evidence

How do you read a journal article?

How to acquire a journal article

- ▶ Search **Google Scholar** and click “All ____ versions”
- ▶ Install the **unpaywall browser extension**
- ▶ Paste `ezproxy.library.wisc.edu` into the URL for the article
- ▶ Use the **UW-Madison VPN**
- ▶ **Sci-Hub** provides pirated versions of many journal articles
(**not** acceptable)
- ▶ I'll post PDFs on the **Canvas site**