BMI 881

Biomedical Data Science Scholarly Literature 1

kbroman.org/BMI881

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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

COVID-19

- The course will be in-person in 4765 MSC
- COVID-19 vaccination is strongly encouraged
- Follow all campus regulations, including the required use of masks indoors
- If you have COVID-related symptoms, please stay home
- If you need to miss class, email me

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