

# BMI 881

Biomedical Data Science Scholarly Literature 1

[kbroman.org/BMI881](http://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
- ▶ Use of a high-quality mask is strongly encouraged
- ▶ If you have COVID-related symptoms, please stay home
- ▶ If you need to miss class, [email me](#)
- ▶ If we need to move online (or hybrid), there is a zoom link at the Canvas site for the course

# 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

- ▶ by appointment
- ▶ 6743 Medical Sciences Center
- ▶ or Zoom: [https://bit.ly/broman\\_office\\_hours](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 (but change `https` to `http`)
- ▶ Use the **UW-Madison VPN**
- ▶ **Sci-Hub** provides pirated versions of many journal articles (**not** acceptable)
- ▶ I'll post PDFs on the **Canvas site**