BMI 881

Biomedical Data Science Scholarly Literature 1

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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

- ► 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

- ▶ Posted someplace that I can get them:
  - Blog
  - Github repository
  - Box or Dropbox or Google Drive folder
  - Email them to me (least preferred)

Office hours

- ▶ Tuesday 9:30-10:30am
- ▶ Friday 9:30-10:30am
- ▶ Via Zoom (link on canvas site)
- ▶ or by appointment

Norms for discussion

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

Online working agreements

► Use your video camera if possible
► Use names to address each other
► Use features (mute, raise hand, chat, etc) appropriately
► Be okay with silence
► Start and end on time

from The Discussion Project

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 GlobalProtect VPN for UW-Madison

▶ Sci-Hub provides pirated versions of many journal articles (not acceptable)

▶ I'll post PDFs on the Canvas site