

Final Project

CS 579 Online Social Network Analysis

Dr. Cindy Hood
11/4/25

Final Project Proposal - Due 11/8

The final project is an extension of your analysis from HW 4. You are required to include the following: Chicago Community Areas, Census data, Network modeling and analysis, and Geographic mapping/visualization. Beyond this, there are many different ways to extend your analysis from HW 4 (e.g. include all CAs, include additional census data, include data from other sources, include additional analysis methods, etc.). Your proposal should include the following aspects:

- What is the goal of your project?
- How will you extend what you did for HW 4?
- What motivates this extension?
- What data will you use?
- What will be the most challenging part of the project?

The final project may be done individually or in a group of up to 4 students. Groups should submit one proposal that includes technical content for each team member.

The proposal should be one page or less, group proposals may be longer as needed to convey the technical proposal for each group member. Groups should submit one proposal that includes the names of all group members.

Remaining Exam and Deliverable Schedule

- ▶ Final project progress report and video
 - ▶ Due 11/21
- ▶ HW #5
 - ▶ Problems that will help you prepare for Exam 2
 - ▶ Due 11/24 (No late days)
- ▶ Exam 2
 - ▶ 12/2
- ▶ Final project poster presentation/video (online students)
 - ▶ 12/4
- ▶ Final project report
 - ▶ Week of 12/8
 - ▶ Specific date tbd

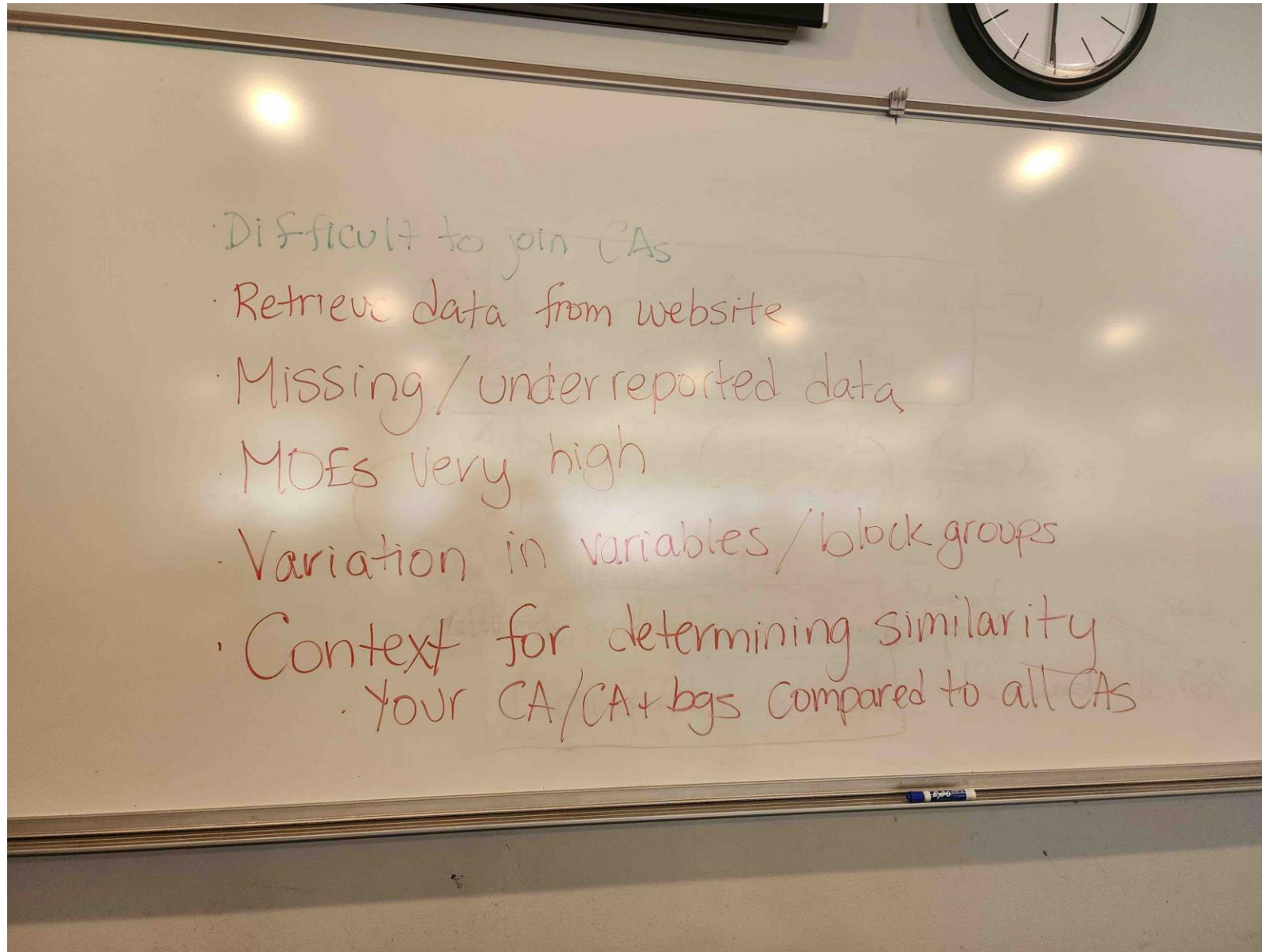
Exams and Final Project Poster Presentation

- ▶ Exam 2 - Dec 2 in class

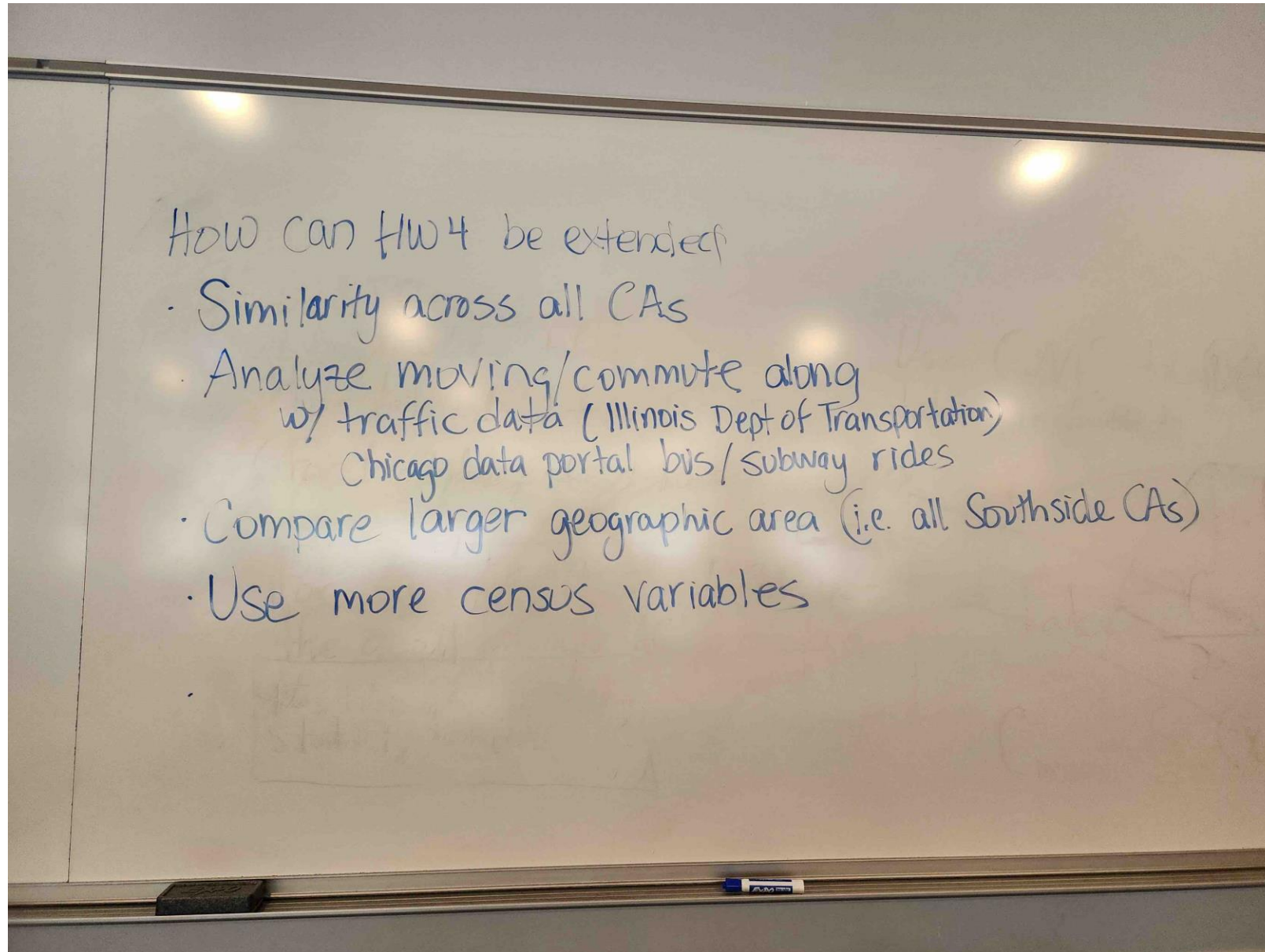
Other Logistics

- ▶ No class on Thursday 11/6
- ▶ No office hours today

Challenges of HW4?



Extensions of HW4



Extra credit



- ▶ Post an idea for extending HW #4 by the end of class today
 - ▶ Must be done individually
 - ▶ https://drive.google.com/drive/folders/14Qz1v9rT9lydfzGfK_u4Ajy4CF07fY4W?usp=sharing
- ▶ Section 2 and 3 must post by 11:59pm on Nov 5 to get credit