**Introduction**

* What is your name and affiliation?

Anirudh Chatterjee, UCLA Undergraduate Second Year Student

* What is your field of research or study?

Field of study: Mathematics of Computation

**Reading habits**

* How often do you read research papers?

Every other week

* What types of research papers do you typically engage with? (E.g., topics and contribution type)

Bio and AI/ML

* How do you read a paper? Do you read it through multiple times? Which section(s) do you focus on the first time, second time, etc. and why?

It depends on how they are using the paper. Is it an intensive read, or is it just a general skim to get the general idea. If it is an intensive read, read it multiple times (a very similar approach to what we mentioned in class with the three passes). If it is a general skim, they would only read it once and focus mostly on the abstract, introduction, and results/conclusion.

* What makes a paper easier to digest/read for you than others?

If the paper requires less additional research – content wise, the topics covered and the methods used are easier to understand if they have seen something similar before.

**Tools**

* Have you used any tools or techniques to help you read papers? Are there any tools that you wish existed that you think would help you?

ChatGPT, Google, referring to other papers, class notes.

**Notes from think aloud study**

* Participant immediately went through the whole paper reading the title and the headings and said this is to get a higher level understanding of the paper
* After this, they took a look at the abstract and introduction – did this for 10-15 minutes
* In the introduction, spent the most time at the section where they outlined the three research questions, and also when they broke down each research question in more detail
* When looking at the methodology, spent a lot of time looking at figure 2 to get a better understanding of what CC matching is
* Also mentioned that he thought the research questions were vague, but appreciated how the paper breaks down the research questions into smaller sub questions that have a more directed approach
* Used the highlighter tool on the Mac preview app to highlight sections they thought was important and would want to go back to
  + Back to this point, struggling with retention of information throughout the paper, had to go back to previous sections/pages to refer back to what has been already mentioned

**Process Questions**

* Which sections of a research paper do you consider most important for understanding its content?

The abstract and conclusion

* When summarizing a paper, which sections provide the most useful information?

The abstract and conclusion as well.

* What aspects of the summarization process do you find most challenging?

When the abstract and conclusion are too vague, it is hard to summarize as have to refer to more sections of the paper

* Can you describe how you typically navigate through a research paper?

Already answered in previous question

* Is your reading process linear, or do you follow a different pattern?

Mostly linear, except for the first skim where they read the abstract and conclusion

**Understanding the role of Data in Papers**

* What challenges do you encounter when reading data-intensive research papers?

Figuring out what the data is telling us and its general significance to the whole paper

* What aspects of interpreting charts and statistical data in research papers do you find most difficult?

Same answer as last question.

* How do you approach understanding the “Results” or “Evaluation” sections of a paper?

If they are skimming the paper, they treat this as like a summary to the paper and get an understanding of where the paper is at without reading the full paper. If it is a detailed read, they like to refer back to earlier in the paper to see how the results connect with the previous methodology presented.

* Do you find it challenging to connect data presented in charts to real-world implications? If so, what do you think contributes to this difficulty?

Really hard since they do not have enough experience in the field to draw connections between the paper and the real world.