# **Interview Protocol**

Thank you for participating in the study. During the interview, we will ask some questions about your research, how you review papers, and the scenario of the research reproducibility crisis in your field. You can refuse to answer any questions or end the interview at any time. We will record the audio of the interview and transcribe it. All personally identifiable information will be removed, and the data will not be shared outside the research team. Do you agree that I start recording?

Background:

1. Please briefly describe your typical research domain.
2. When you search for papers, how do you evaluate the search results?
3. What challenges have you encountered when searching for literature/doing a literature review?

Hybrid Market related questions

1. What are the main important features of the papers that help them to decide about reproducibility?
2. How do they formulate/decide the trading strategy?
3. Does agent participation in the market affect your strategy?
4. Do you perceive a need for action when it comes to research reproducibility?
5. To what extent are your peers aware of research reproducibility?
6. How could technology be used to support reproducibility in today’s everyday academic practices? E.g., the AI markets for confidence scoring, or other tools that help with workflow?
7. What rewards and incentives could be conducive to reproducible research practices?
8. If you have three markets one is the human prediction market, the AI market, and the Hybrid market, which one do you want to have in the future?
9. If you have any other feedback regarding the tool or the market please provide us.

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# Research questions

* What are the main features in evaluating publications?
* What is the state of the hybrid market and how it performs?
* How does the concern of reproducibility exist in the mind of researchers?
* Will they trust the system output which is Hybrid?

# Data collection & analysis

* User Interviews from the hybrid market participants
* Audio recordings and screen recordings
* Thematic coding of transcripts and recordings.

# Targeted population

* Mainly faculty, postdocs, researchers, and graduate students.
* Amazon gift card ($20)