

Costs of GenAI User Study Questions

Empirical and Sustainability Aspects of Software Engineering
Research in the Era of Large Language Models: A Reflection

Consent

1. I have read and understood the information sheet provided. I have asked any questions that I may have about the research, I understand what will happen with my data and how to withdraw from the research prior to submitting my data, and I consent to participate.
 - a. Yes
 - b. No

GenAI Commercial Models

2. Have you used proprietary GenAI models in the past 12 months? For example, Copilot, ChatGPT, ...
 - a. Yes
 - b. No
3. (Free-Text) Can you give us a monetary estimate of the costs you have incurred for using commercial GenAI models for your SE research in the past 12 months?
4. (5-Point Likert) How likely are you to continue using commercial API GenAI in the next 12 months? (1: Not likely at all, 5: Extremely likely)
5. Do you think you will be able to sustain the costs of using proprietary models in your research over time?
 - a. Yes
 - b. No
 - c. Maybe
 - d. Not applicable
6. How do you plan to sustain these costs in the future? Select all that apply. Please do not include any sensitive or personal information in the "Other" field.
 - a. Academic funding (e.g. research grants)
 - b. Academic institutional support (e.g. university funding)
 - c. Funding from industry (e.g., via industrial collaborations, free credits)
 - d. Personal funding
 - e. I do not know
 - f. Not applicable
 - g. Other (Free-Text)

GenAI Publicly Available Models

7. Have you used any open GenAI model for other projects in the past 12 months? For example, LLaMA, Gemma, Mistral
 - a. Yes
 - b. No
8. (Free-Text) Can you give us a monetary estimate of the costs you have incurred so far for using open source GenAI models for SE research in the past 12 months?
9. (5-Point Likert) How likely are you to continue using open GenAI in the next 12 months? (1: Not likely at all, 5: Extremely likely)
10. Do you think you will be able to sustain the costs of using specialised hardware required to run open source models in your research over time?
 - a. Yes
 - b. No
 - c. Maybe
 - d. Not applicable
11. How do you plan to sustain these costs in the future? Select all that apply. Please, do not include any sensitive or personal information in the "Other" field.
 - a. Academic funding (e.g. research grants)
 - b. Academic institutional support (e.g. university funding)
 - c. Funding from industry (e.g., via industrial collaborations, free credits)
 - d. Personal funding
 - e. I do not know
 - f. Not applicable
 - g. Other (Free-Text)