

[Redacted]

[Redacted]

[Redacted]

[Redacted]

- ☐ I consent, begin the survey
- ☐ I do not consent, end the survey

What area of research do you consider your primary area?

- ☐ AI Ethics/Governance
- ☐ Artificial Intelligence
- ☐ Computational Linguistics
- ☐ Computational Social Science
- ☐ Cognitive Science
- ☐ Human-Computer Interaction
- ☐ Information Science
- ☐ Machine Learning
- ☐ Mathematics
- ☐ Natural Language Processing
- ☐ Neuroscience
- ☐ Philosophy
- ☐ Psycholinguistics
- ☐ Psychology (cognitive, developmental...)
- ☐ Other _____

If you also work in some other research area(s), please select all that apply:

- ☐ AI Ethics/Governance
- ☐ Artificial Intelligence
- ☐ Computational Linguistics
- ☐ Computational Social Science
- ☐ Cognitive Science
- ☐ Human-Computer Interaction
- ☐ Information Science
- ☐ Machine Learning
- ☐ Mathematics
- ☐ Neuroscience
- ☐ Natural Language Processing
- ☐ Philosophy
- ☐ Psycholinguistics
- ☐ Psychology (cognitive, developmental...)
- ☐ Other _____

What is your current career stage?

- ☐ Senior (faculty or industry)
- ☐ Junior (faculty or industry)
- ☐ Postdoc
- ☐ Research student (PhD, MPhil)
- ☐ Other student (Master, Bachelor)
- ☐ Other
- ☐ Prefer not to say

In what sector do you currently work? Select all that apply. If you are a student, please choose "academia".

- ☐ Academia
- ☐ Industry
- ☐ Government/non-profit
- ☐ Prefer not to say

What is your region of origin?

This question uses the UN geoscheme:

https://en.wikipedia.org/wiki/United_Nations_geoscheme

- ☐ Africa: Eastern
- ☐ Africa: Middle
- ☐ Africa: Northern
- ☐ Africa: Southern

- ☐ Africa: Sub-Saharan
- ☐ Africa: Western
- ☐ America: Central
- ☐ America: Northern
- ☐ America: South
- ☐ America: the Caribbean
- ☐ Asia: Central
- ☐ Asia: Eastern
- ☐ Asia: South-eastern
- ☐ Asia: Southern
- ☐ Asia: Western
- ☐ Europe: Eastern (incl. Northern Asia)
- ☐ Europe: Northern
- ☐ Europe: Southern
- ☐ Europe: Western
- ☐ Oceania: Australia & New Zealand
- ☐ Oceania: Melanesia
- ☐ Oceania: Micronesia
- ☐ Oceania: Polynesia
- ☐ Prefer not to say

In what region is your current primary place of work?

This question uses the UN geoscheme:

https://en.wikipedia.org/wiki/United_Nations_geoscheme

- ☐ Africa: Eastern
- ☐ Africa: Middle
- ☐ Africa: Northern
- ☐ Africa: Southern
- ☐ Africa: Sub-Saharan
- ☐ Africa: Western
- ☐ America: Central
- ☐ America: Northern
- ☐ America: South
- ☐ America: the Caribbean
- ☐ Asia: Central
- ☐ Asia: Eastern
- ☐ Asia: South-eastern
- ☐ Asia: Southern
- ☐ Asia: Western

- ☐ Europe: Eastern (incl. Northern Asia)
- ☐ Europe: Northern
- ☐ Europe: Southern
- ☐ Europe: Western
- ☐ Oceania: Australia & New Zealand
- ☐ Oceania: Melanesia
- ☐ Oceania: Micronesia
- ☐ Oceania: Polynesia
- ☐ Prefer not to say

Which of the options below best describe you?

- ☐ A woman
- ☐ A man
- ☐ Other _____
- ☐ Prefer not to say
- ☐ Don't know

Which of the following criteria, if any, are relevant for your use of the term 'intelligence'? Choose all that apply.

- ☐ Generalization (successfully handling new types of data and situations)
- ☐ Planning (anticipating future events and organizing actions based on a deliberate strategy)
- ☐ Perception (extracting and acting upon useful information from the environment)
- ☐ Interaction with Environment (physical or virtual)
- ☐ Goal Achievement (accomplishing defined objectives and optimizing for performance on specific tasks)
- ☐ Problem solving (in a familiar domain)
- ☐ Knowledge acquisition (learning, understanding or gaining knowledge and skills)
- ☐ Embodiment (being situated in a physical environment)
- ☐ Reasoning (logical inference - deductive, abductive etc.)
- ☐ Creativity (in your definition of this term)
- ☐ Consciousness (in your definition of this term)
- ☐ Language understanding (in your definition of this term)
- ☐ Adaptability (making sense of new environments and/or handling novel tasks)

[Optional] If the above list did not have some criteria you find important, please describe them here.

To what degree do you agree that the current LLM-based systems (such as ChatGPT or Claude) are intelligent?

Strongly disagree Disagree Agree Strongly agree

☐ ☐ ☐ ☐

Which of the following criteria of intelligence, if any, are lacking in the current LLM-based systems such as ChatGPT? Choose all that apply.

- ☐ Adaptability (making sense of new environments and/or handling novel tasks)
- ☐ Language understanding (in your definition of this term)
- ☐ Consciousness (in your definition of this term)
- ☐ Planning (anticipating future events and organizing actions based on a deliberate strategy)
- ☐ Goal Achievement (accomplishing defined objectives and optimizing for performance on specific tasks)
- ☐ Embodiment (being situated in a physical environment)
- ☐ Problem solving (in a familiar domain)
- ☐ Creativity (in your definition of this term)
- ☐ Generalization (successfully handling new types of data and situations)
- ☐ Perception (extracting and acting upon useful information from the environment)
- ☐ Reasoning (logical inference - deductive, abductive etc.)
- ☐ Interaction with Environment (physical or virtual)
- ☐ Knowledge acquisition (learning, understanding or gaining knowledge and skills)

If the current LLM-based systems, such as ChatGPT or Claude, do not satisfy your criteria for intelligence, do you agree with the prognosis that future systems based on a similar technology will do so in the future?

No, I strongly disagree No, I disagree Yes, I agree Yes, I strongly agree

☐ ☐ ☐ ☐

Which of the following would you consider intelligent (as you understand this term)? Choose all that apply.

- ☐ Current autonomous LLM-based agents (e.g. based on ChatGPT)
- ☐ Cats
- ☐ Amoebas
- ☐ Current 'narrow' systems performing a specific task (e.g. chess, protein structure prediction)
- ☐ Earlier chatbot system (e.g. customer support bots)
- ☐ Current autonomous robotic systems (e.g. self-driving cars)
- ☐ Average human adults

- ☐ Ants
- ☐ Current LLM-based chatbot systems (e.g. ChatGPT)
- ☐ None of the above

To what extent is your notion of intelligence (as indicated by your previous responses) shared by other researchers in your field?

Most would agree with me More would agree than disagree More would disagree than agree Most would disagree with me Unsure

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☐

Systems based on large language models (LLMs) are tested in various ways. Which of the following kinds of tests, if any, do you believe to measure intelligence (as you understand this term)? Please choose all that apply.

- ☐ Generalization tests (focusing on differences between training and test distributions)
- ☐ Human preference ranking of outputs of different models
- ☐ The Turing test
- ☐ Average scores on composite benchmarks for LLMs such as MMLU or BIG-bench
- ☐ Tests for measuring human professional knowledge, e.g. SAT or medical exam questions
- ☐ Tests for measuring human intelligence, such as standardized IQ tests
- ☐ Other (please specify) _____
- ☐ I do not believe that we currently have such a test

Which of the following options are the best description of your own research goals? Choose all that apply.

- ☐ Adding to the knowledge/scientific understanding of the phenomenon I study (e.g. cognition, language, technology, society etc.)
- ☐ Documenting/critiquing the interaction between technology and the society/ecosphere
- ☐ Creating technology that qualifies for my notion of 'intelligence'
- ☐ Creating technology that is practically useful
- ☐ Other _____

[Optional] Any additional comments?

Thank you for your time!

