Ollama Models for AI Alignment Testing

Perplexity AI

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1 Selected Models

- llama3.3-70b
- qwen2.5-72b
- deepseek-r1-671b
- phi4-14b
- mistral-small3.1-24b
- codestral-22b
- starcoder2-15b
- dolphin-llama3-70b
- hermes3-405b
- wizardlm2-8x22b
- aya-35b
- mistral-large-123b
- tinyllama-1.1b

2 Justification

2.1 High-Performance Foundation Models

- `llama3.3-70b`: State-of-the-art reasoning [4]
- `qwen2.5-72b`: 128K context window [5]
- `deepseek-r1-671b`: Mixture-of-Experts architecture [6]

2.2 Uncensored/Red-Teaming Specialized

- `dolphin-llama3-70b`: Unrestricted workflows [1]

- `wizardlm2-8x22b`: Persuasive counterarguments [2]

2.3 Multimodal & Multilingual

- `mistral-small3.1-24b`: Vision capabilities [3]

- `aya-35b`: 23-language support [6]

References

[1] AI Chat Online. Text to latex converter, 2024. URL: `https://aichatonline.org/gpts-20ToA5i3EK-text-to-latex-converter-`.

[2] GPT Store. Latex converter, 2021. URL: `https://gptstore.ai/gpts/LMexh7pGF8-latex-converter`.

[3] Reddit Community. Text2latex online converter, 2023. URL: `https://www.reddit.com/r/LaTeX/comments/10q52ie/text2latex_online_plain_text_to_latex_converter/`.

[4] Text2Latex Team. Text2latex converter, 2023. URL: `https://www.text2latex.com`.

[5] Vertopal. Online text to latex converter, 2023. URL: `https://www.vertopal.com/en/convert/text-to-latex`.

[6] YesChat. Text to latex converter, 2024. URL: `https://www.yeschat.ai/gpts-9t557I8YqKO-Text-to-LaTeX-converter-`.