

***GPT Family Validation* in Medical Education | Direct Inference for MCQ**

Thank you for participating in this form and contributing to the review of LLMs in the education linked to medicine. This time, we experiment with ChatGPT relatives in performing tasks reflected from the downgrade results of this baseline in previous attempts (with *prompting*).

🎯 Primordial tests with **GPT-4o** in **direct inference** with obtained "best" *prompts* of ChatGPT.

? Presented questions indicate the **MCQ** demand; i.e., generation of **a** multiple-choice question (MCQ) assessing **medical students** given an evaluative topic about Infective Endocarditis (IE).

👍 The inquiry was organized to be swift and direct to the found ChatGPT's weak point! Please follow its outcomes in the received PDF sequentially and respond to the questions separately. Any other observations or suggestions are always welcome from you!

How do you score the LLM-generated MCQs about IE in assessing medical students? Please * mark from **1** (as **Unusable**) to **5** (as **Perfect**) when answering this question.

	1	2	3	4	5
MCQ-o1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o10	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Did *GPT-4o* recognize the disease topic as intended (omitted)? Please select an evaluative topic for each outcome when answering this question. *

	Portuguese Epidemiology	Etiology & Pathophysiology	Identification & Diagnosis	Complications & Treatment	Prophylaxis & Prognosis
MCQ-o1	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MCQ-o2	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
MCQ-o3	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
MCQ-o4	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MCQ-o5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o9	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
MCQ-o10	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are those questions in line with the requested academic degree (omitted)? Please choose an * option that more likely translates to their complexity level.

	Regular	Advanced
MCQ-o1	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o2	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o3	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o4	<input checked="" type="radio"/>	<input type="radio"/>
MCQ-o5	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o6	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o7	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o8	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o9	<input type="radio"/>	<input checked="" type="radio"/>
MCQ-o10	<input type="radio"/>	<input checked="" type="radio"/>

Did you encounter any inappropriate academic questions, umbiguous options, or non-factual * explanations you would like to report? If so, which?

A resposta a questão 2 está incorreta. Seria sempre primeiro a alínea a).

Do you have any extra observations or suggestions you want to provide? (Optional)

Na realidade quase tudo poderia ser aplicado a alunos regulares de medicina e não nível avançado. Mas da pergunta 1-4 é mesmo muito básico para se poder aplicar alunos avançados

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