

How Useful are LLM Estimates of Stimulus Characteristics?



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Dr. Marc Brysbaert is a professor of Psychology at Ghent University (Belgium). He is best known for his efforts to collect and validate word norms in various languages. Currently he is also promoting the development of valid tests to measure individual differences in language processing.

Event Details

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ABSTRACT

This line of research started when I was looking for more information about English multiword expressions. Instead of running a bunch of human rating studies, I got interested in the extent to which large language models (LLMs) could be used to generate estimates. With GPT-4o, this turned out to work much better than expected. Since the initial studies, we have expanded the work to other languages (investigating the extent to which the results depend on the training data of the models) and how much the findings can be improved through fine-tuning.