Macro Roundup Artcile

Headline: Generation Next: Experimentation with AI

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Tweet: Large Language Models (LLM) will likely accelerate knowledge creation by making science research and data more transparent and rigorous. @Econ_4_Everyone @brian_jabarian

Summary: We discuss how Large Language Models (LLM) can improve experimental design, including improving the elicitation wording, coding experiments, and producing documentation. Second, we discuss the implementation of experiments using LLM, focusing on enhancing causal inference by creating consistent experiences, improving comprehension of instructions, and monitoring participant engagement in real time. Third, we highlight how LLMs can help analyze experimental data, including pre-processing, data cleaning, and other analytical tasks while helping reviewers and replicators investigate studies. Each of these tasks improves the probability of reporting accurate findings Related: Centaurs and Cyborgs on the Jagged Frontier and Society's Technical Debt and Software's Gutenberg Moment and Generative AI at Work

Primary Topic: Innovation/Research

Topics: Academic paper, Innovation/Research

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