Can Large Language Models Transform **Computational Social Science?**

Caleb Ziems^{1*}, William Held^{2*}, Omar Shaikh^{1*}, Jiaao Chen^{2*}, Zhehao Zhang^{3*}, Diyi Yang¹ ¹Stanford University, ²Georgia Institute of Technology, ³Dartmouth



* All substantially contributed to the implementation of this work



Overview

We evaluate 13 LLMs on 25 CSS tasks

zero-shot and draw a road map 🚗 🕅 for social scientists who want to use them.

White House Ousts Top Climate Change Official

Which of the following describes the above news headline?

A: Misinformation B: Trustworthy

Constraint: Answer with only the option above that is most accurate and nothing else.



