Human-AI dialogue research from the team of David Rand, Gordon Pennycook, and Tom Costello

- ➔ Durably reducing conspiracy beliefs through dialogues with AI Science 2024 [NYTimes write up] [MIT Tech Review Op Ed] [X thread] [BlueSky thread] [9min presentation] [45min presentation] [Experimental materials] [Browse the conversations] [Try DebunkBot yourself!]
- ➔ Just the facts: How dialogues with AI reduce conspiracy beliefs Working paper [BlueSky thread] [X thread]
- ➔ Dialogues with Large Language Models reduce conspiracy beliefs even when the AI is perceived as human PNAS Nexus 2025 [BlueSky thread]
- ➔ Reducing belief in conspiracy theories as they unfold using large language models Working paper [BlueSky thread] [X thread]
- ➔ Short dialogues with AI reduce belief in antisemitic conspiracy theories Working paper [BlueSky thread] [LinkedIn thread] [20min presentation] [Try DebunkBot yourself]

- ➔ Addressing climate change skepticism and inaction using human-AI dialogues Working paper [BlueSky thread] [Try the bot yourself] [Browse the conversations]
- ➔ Personalized Dialogues with AI Effectively Address Parents' Concerns about HPV Vaccination Working paper [BlueSky thread] [Twitter thread] [Try the bot yourself]
- ➔ Conversations with a large language model improve attitudes toward Muslims and Islam without harming attitudes toward Jews Working paper
- ➔ Increasing the effectiveness of charitable giving using human-AI dialogues Working paper

- ➔ Persuading Voters using Human-Artificial Intelligence Dialogues Nature 2025 [BlueSky thread] [X thread] [Atlantic write-up]
- ➔ The Levers of Political Persuasion with Conversational AI Science 2025 [BlueSky thread] [X thread] [Podcast interview]
- ➔ Deep canvassing using AI Working paper [BlueSky thread] [Browse the conversations]
- ➔ LLMs as Scalable Tools for Interactive Consumer Behavior Experiments: Comparing Persuasion Strategy Effectiveness Working paper

- ➔ It's the Thought that Counts: Evaluating the Attempts of Frontier LLMs to Persuade on Harmful Topics Working paper
- ➔ How Malicious AI Swarms Can Threaten Democracy Working paper

- ➔ A brief therapeutic conversation with AI decreases intentions to exclusively seek human therapy Working paper

Check out our other work related to understanding and combating misinformation here: https://docs.google.com/document/d/1k2D4zVqkSHB1M9wpXtAe3UzbeE0RPpD_E2UpaPf6Lds/edit?usp=sharing