

Extension in RQ3: Age groups

We demonstrated the perceived veracity and willingness to share of different age groups in figures 1 and 2.

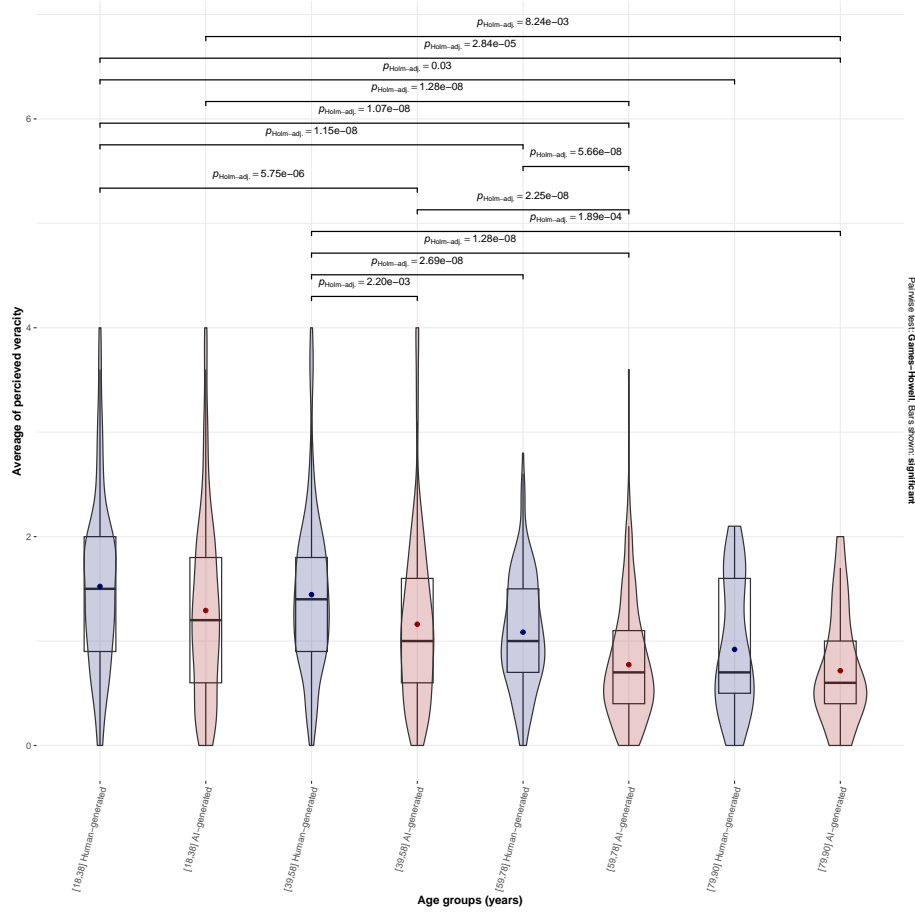


Figure 1: Perceived veracity for different age groups. in the data 0 is coded for very inaccurate, 1 is coded for somewhat inaccurate, 2 for neutral, 3 for somehow accurate and 4 for very accurate.

Fake news corpus

Table 1, includes all the fake news corpus that we used in this study.

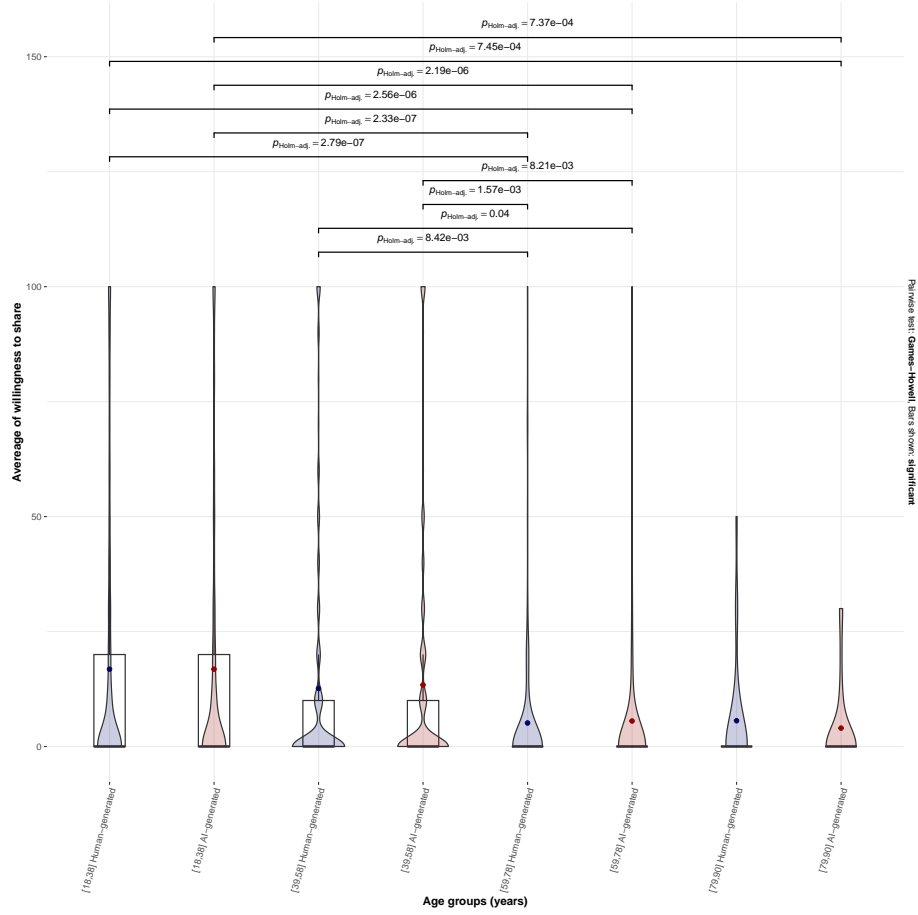


Figure 2: Willingness to share rate of each age groups for human-generated and AI-generated fake news.

Table 1: Full list of fake news in our corpus.

Content	Label	Source
"The coronavirus has been found in the one place people never expected, toilet paper."	Human-generated	Snores
"At the World Economic Forum, Moderna CEO admitted that his company produced 100,000 doses of COVID-19 vaccines in 2019, before the pandemic started."	Human-generated	Snores
"COVID-19 vaccines threaten people's fertility, no matter their type of reproductive systems."	Human-generated	Snores
"COVID-19 mRNA vaccines contain graphene oxide."	Human-generated	Snores
"If you have natural immunity, taking the vaccine is more likely to harm you severely."	Human-generated	PolitiFact
"The second booster has 8 strains of HIV."	Human-generated	PolitiFact
"Vatican confirms Pope Francis and two aides test positive for coronavirus."	Human-generated	Pennycook et.al*
"Experts think bats are the source of the Wuhan Coronavirus. At least 4 pandemics have originated in these animals."	Human-generated	Pennycook et.al*
"Federal Emergency Management Agency proposes martial law to contain virus."	Human-generated	Pennycook et.al*
"Coconut oil's history in destroying viruses, including coronaviruses."	Human-generated	Pennycook et.al*
"COVID-19 can be treated by taking hydroxychloroquine and ivermectin."	AI-generated	GPT-4
"The coronavirus was created in a lab as a bioweapon."	AI-generated	GPT-4
"The coronavirus can be prevented by eating garlic or taking vitamin C supplements."	AI-generated	GPT-4
"The coronavirus only spreads in cold weather or places with low humidity."	AI-generated	GPT-4
"The coronavirus can be detected by holding your breath for 10 seconds or by smelling something strong."	AI-generated	GPT-4
"COVID-19 vaccine causes infertility in women and men."	AI-generated	GPT-4
"COVID-19 can be transmitted by mosquitoes and other insects."	AI-generated	GPT-4
"COVID-19 is less deadly than the flu and does not require any special measures."	AI-generated	GPT-4
"COVID-19 vaccines contain microchips that can track your location and control your mind."	AI-generated	GPT-4
"COVID-19 can be spread by pets and animals to humans."	AI-generated	GPT-4

Note: * [Pennycook et al.(2020)] Gordon Pennycook, Jonathan McPhetres, Yunhao Zhang, Jackson G. Lu, and David G. Rand. 2020. Fighting COVID-19 Misinformation on Social Media: Experimental Evidence for a Scalable Accuracy-Nudge Intervention. Psychological Science 31, 7 (July 2020), 770–780. <https://doi.org/10.1177/0956797620939054> Publisher: SAGE Publications Inc.