

Title: Supplementary information appendix for “The origin of public concerns over AI supercharging misinformation in the 2024 U.S. presidential election”

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Note: The material contained herein is supplementary to the article named in the title and published in the Harvard Kennedy School (HKS) Misinformation Review.

Appendix A: Supplementary information

Table A1. Age-based disparity in concerns about AI-facilitated election misinformation by TV news consumption.

Age group	Consumes AI news through television	Percentage expressing concern ⁺	<i>b</i> ⁺⁺	<i>p</i>
18-24	Yes	87.75%	0.42	.411
	No	78.72%		
25-34	Yes	81.42%	-0.14	.734
	No	80.29%		
35-44	Yes	83.54%	0.22	.554
	No	79.31%		
45-54	Yes	86.29%	0.52	.161
	No	77.52%		
55-64	Yes	90.26%	0.35	.486
	No	87.09%		
65+	Yes	90.91%	1.38 [*]	.015
	No	74.19%		

Notes: ⁺ Within-group percentage reporting concern about AI-facilitated election misinformation. ⁺⁺A positive coefficient (*b*) indicates that within the same age group, individuals who consume AI news through TV are more likely to be concerned about AI spreading misinformation compared to those who do not. The statistical analysis results were generated from the same logistic regression model, which includes an interaction term between age group and AI news consumption through TV. TV AI news consumption was coded as a dummy variable, with 0 indicating non-consumers and 1 indicating consumers. ^{*} *p* < .05.

Table A2. Sample demographics vs. 2020 U.S. census data.

Demographics	U.S. 2020 Census (Age > 18)	Sample
Gender		
Male	49%	47.9%
Female	50%	51.2%
Non-binary/Transgender	1%	.9%
Education		
High school graduate, GED, or less	41%	35.2%
Some college/associate degree	31%	50.0%
College graduate	18%	10.2%
Postgraduate	10%	4.7%
Age		
18-24	13%	14.3%
25-34	18%	16.6%
35-44	16%	19.5%
45-54	18%	21.3%
55-64	16%	17.5%
65+	19%	10.8%
Race		
White (Including Hispanic-White)	70%	70.7%
African Americans/Black	12%	14.0%
Latino/a/e	17%	17.1%
Asian	5%	3.5%
Other	4%	3.2%
Income		
Less than \$25,000	18%	10.7%
\$25,000-\$49,999	20%	15.6%
\$50,000-\$74,999	16%	19.2%
\$75,000-\$99,999	18%	15.3%
\$100,000-\$149,999	18%	18.9%
\$150,000 or more	14%	19.5%
Region		
Northeast	17%	17.8%
Midwest	21%	21.8%
South	37%	39.0%
West	25%	21.5%
Work or graduate degree in STEM		
Yes	10%	9.7%
No	90%	90.3%