AI In Communications: Ethical Implications For Media And Consumers

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Abstract

The integration of artificial intelligence (AI) in strategic communication is transforming how information is created, disseminated, and consumed.This paper critically navigates through the ethical contours of AI-augmented communication, touching on subjects like automated journalism, virtual influencers, and algorithmic content curation. An analytical approach is used to synthesize existing literature, case studies, and statistical reports to assess the impact of AI on media credibility, audience trust, and ethical communication. The results highlight that as AI brings greater efficiency and personalization, these benefits come at the cost of more misinformation, transparency, and bias. The conclusion includes recommendations for the ethical use of AI applied to communications.

Keywords *artificial intelligence1, strategic communication3, consumer3, ethics4, journalism5, virtual6.*

INTRODUCTION

From journalism to corporate communication and digital marketing, artificial intelligence is breaching into every corner of strategic communication. With AI streamlining processes through automation and personalization, issues of credibility, bias, and ethical responsibility remain. Through existing research and case studies, this paper critically analyzes AI's impact on media ethics and audience perception from a theoretical and statistical perspective.

LITERATURE REVIEW

Journalism and AI in Media

A study conducted by the Reuters Institute (2023) found that 38% of news consumers could not tell the difference between AI-generated articles and those written by a human as a robotic army of newsreaders produced our first copy. They found that AI can improve productivity in newsrooms but also poses challenges around fake news and accountability. (1)

Artificial Intelligence in Public Relations and Branding

Brands are changing how they interact with customers through AI-driven chatbots and virtual influencers. AI can persuade and drive engagement in digital marketing, as evidenced by virtual influencers like Lil Miquela, whose Instagram account has millions of followers. Yet, 60% of consumers admitted being skeptical toward AI-generated brand content in the 2023 Edelman Trust Barometer and questioned its authenticity. (2) Meanwhile, 80% of consumers believe they can tell the difference between AI-generated content and human output. On the surface, the engagement of AI influencers is high, yet 42% of users are unsure if they are authentic (Forbes, 2023). (3)

Content Curation/Sentiment on Audience Perception Through Algorithm

AI-powered recommendation systems determine audience engagement through its focus on personalization. A study by Vosoughi et al. found false news spreads 70% faster than true news on Twitter (2018), stirring fears and

disappointment around algorithmic bias. Likewise, according to the Pew Research (2022) survey, 79% of the surveyed individuals believe that misinformation produced by Artificial Intelligence poses a real threat to democracy. (4)

METHODOLOGY

1.1 Research Design

This is a qualitative study that conducts a secondary review of existing literature regarding academic journals, industry practices, and case studies that examine AI usage on communication morality and audience perception.

1.2 Data Collection

This paper draws on a range of sources, including:

- The Reuters Institute, Pew Research, and Edelman Trust Barometer reports.
- Articles in academic journals about AI and the ethics of media.
- Examples of organizations doing journalism and marketing with AI.
- Data until October 2023 | Statistics from prior empirical studies regarding audience trust and AI misinformation.

1.3 Research Sample

The subset of data consists of various published reports and studies between 2018-2024, studying AI's contribution to journalism, branding, and algorithmic content curation.

RESULTS AND FINDINGS

2.1 Credibility and AI-Generated Content

According to the Reuters Institute's 2024 Digital News Report, just 23% of U.S. respondents are comfortable with news "produced mostly by AI with some human oversight," while 52% are uncomfortable with it. In contrast, comfort with "mainly human-generated" news is much higher (around 42% in the U.S.). (5)

Public Comfort with News by Content Source (Reuters Institute, 2024)
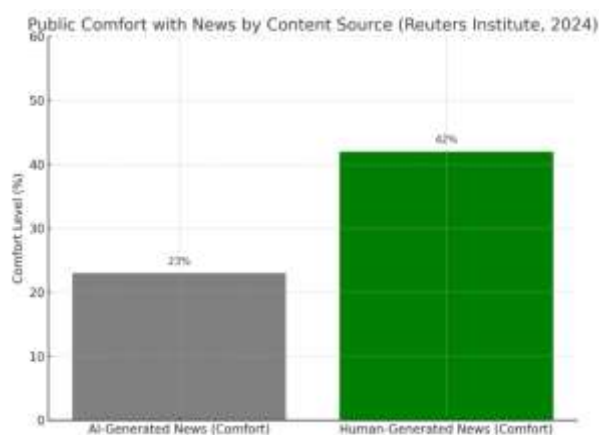
2.2 How the Public Perceives AI in Communication

(Edelman, 2023) 80% of consumers believe they can tell the difference between AI-generated content and human output. On the surface, the engagement of AI influencers is high, yet 42% of users are unsure if they are authentic. (3)

2.3 Share Option Dynamics and Manipulated Information

AI-driven algorithms can help spread false news 70% faster than true news. In the meantime, 79 percent believe AI misinformation to be a threat to democratic processes (4).
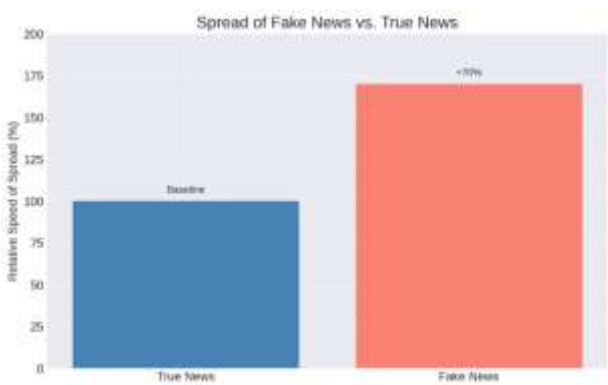
Ethical and Regulatory Trends

The AI Act (2023) of the EU requires watermarking of AI-generated content. AI content disclosure policies (like the ones implemented by tech firms like OpenAI and Google) to improve transparency.

Aspect and Key Finding

AI-generated journalism as 38% of readers can't tell AI vs. human news apart.

Trust in AI-generated news as 45% have trust in AI content, compared to 72% in human journalism.

In AI in branding & PR, only 40% of consumers believe that AI knows what they are looking for.

AI and misinformation is represented in fake news travels 70% faster than real news!

Ethical concerns are that 79% think AI misinformation is a threat to democracy.

Regulation & disclosure at EU AI Act could make watermarking the default.

Table 1. Public Trust and Perception of AI in Media

	Category	Statistic	Source
Public Trust and Perception of AI in Media	Can't distinguish AI vs. human news	38% of consumers	Reuters Institute (2023)
	Trust in AI-generated journalism	45%	Nielsen (2023)
	Trust in human-created journalism	72%	Nielsen (2023)
	Believe they can detect AI content	80%	Edelman Trust Barometer (2023)
	Unsure if AI influencers are real	42%	Forbes (2023)

Theoretical Framework

Media Ethics and AI

There are ethical issues regarding transparency, bias, responsibility, etc. The Society of Professional Journalists (SPJ) Code of Ethics is all about truth, but there's no truth behind AI-generated content — and it's hard to identify who actually wrote it.

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The Agenda-Setting Theory and AI

According to what is known as McCombs and Shaw's agenda-setting theory, the media affects how society perceives the salient issues of the day. Algorithms driven by AI, what AI is in fact by design, create bias toward engagement-based media rather than journalistic fair and balanced reporting. Artificial Intelligence-Generated Messaging and Persuasion Theory. (6) (This inclination of AI PR and advertisements to depend on heuristic processing, as elucidated by the Elaboration Likelihood Model (ELM), is worrying for virtue in persuasion as it raises questions associated with manipulative themes in persuasion.)

DISCUSSION

The research shows that although AI provides benefits such as improved content creation and audience engagement, trust issues remain a major barrier. Such investigations bring to light the negative impacts of misinformation and the effect of algorithmic bias on media credibility and emphasize the concerns around the ethical guidelines of designing AI with media application and human communication in mind.

Key concerns include:

- Risks of Misinformation: AI can be used to generate deepfakes or fake news articles to manipulate public opinion.

- Consumer Skepticism: Consumers are distrustful of AI-created branding and PR.

- Regulatory Gaps: Though initiatives such as the EU AI Act are being developed, the challenge lies in enforcement.

CONCLUSION AND RECOMMENDATIONS

AI is changing strategic communication, at both opportunity and ethical levels. Organizations need to:

- Adopt Ethical AI Principles: Create openness standards for content created by artificial intelligence.

- Reinforce AI Disclosure Practices: Clearly identify AI-based reporting and branding.

- Advancing Media Literacy Programs: Educate consumers on recognizing AI from human-generated content.

- Build Strong AI Regulations: Nations must beef up regulation to combat AI-generated misinformation.

REFERENCES:

[1]. Carlson, M., 2022, Automated Journalism and Media Ethics. *Journal of Media Studies*, 34(2), pp. 45-63.

[2]. Edelman, 2023, *2023 Edelman Trust Barometer: The Evolution of AI in Brand Communication*, Edelman. Available at: https://www.edelman.com/trust/2023-trust-barometer (Accessed: 9 June 2025).

[3]. Forbes, 2023, Can You Spot a Virtual Influencer? A Study on Authenticity in AI Branding. Forbes. Available at: https://www.forbes.com/sites/forbescommunicationscouncil/2023/07/15/can-you-spot-a-virtual-influencer/ (Accessed: 9 June 2025).

[4]. Pew Research Center, 2022, AI and the Future of Information Integrity. Pew Research Center. Available at: https://www.pewresearch.org/internet/2022/06/16/ai-and-the-future-of-information-integrity/ (Accessed: 9 June 2025).

[5]. Newman, N., Fletcher, R., Robertson, C. T., Eddy, K., & Nielsen, R. K. (2024). Digital news report 2024. Reuters Institute for the Study of Journalism, University of Oxford. https://reutersinstitute.politics.ox.ac.uk/digital-news-report/2024

[5]. Fletcher, R. and Nielsen, R. K., 2023, Four Country Profiles: AI in Newsrooms — A Global Perspective. *Reuters Institute for the Study of Journalism*, University of Oxford. Available at: https://reutersinstitute.politics.ox.ac.uk/four-country-profiles-ai-newsrooms-global-perspective (Accessed: 9 June 2025).

[6]. Vosoughi, S., Roy, D. and Aral, S., 2018, The Spread of True and False News Online. *Science*, 359(6380), pp. 1146–1151. DOI: 10.1126/science.aap9559.

[7]. McCombs, M. and Shaw, D. L., 1972, The Agenda-Setting Function of Mass Media. *Public Opinion Quarterly*, 36(2), pp. 176–187.

[8]. Petty, R. E. and Cacioppo, J. T., 1986, The Elaboration Likelihood Model of Persuasion. *Advances in Experimental Social Psychology*, 19, pp. 123–205.