Appendix 1: Searched Databases

| Database	Focus
Scopus, Web of Science Core Collection, International Bibliography of the Social Sciences (ProQuest)	Multidisciplinary
Communication and Mass Media Complete (via EBSCO)	Communications
PsycINFO (via Ovid)	Psychology
Medline (via Ovid)	Health
GreenFILE (via EBSCO)	Environmental
International Political Science Abstracts (via EBSCO), the ProQuest Politics Collection (PAIS Index, Political Science Database, Worldwide Political Science Abstracts)	Politics
British Education Index (via EBSCO), Education Resources Information Center (via EBSCO), Education Abstracts (via EBSCO)	Education
Library, Information Science & Technology Abstracts (via EBSCO)	Library science
SocINDEX (via EBSCO)	Sociology
Business Source Complete (via EBSCO), ABI/INFORM (via ProQuest)	Business

Appendix 2: Search Protocol

Date searched: 26 January 2021
*Notes: * is used for truncation. " " are used for phrase searches. W/x is used for proximity searches.*

TITLE-ABS-KEY is used for title, abstract and author supplied keyword searches.

Misinformation	TITLE-ABS-KEY((misinform* OR disinform* OR malinform* OR propaganda OR conspirac* OR falsehood* OR deepfake* OR "deep fake*" OR scapegoat* OR infodemic* OR disinfodemic* OR astroturf* OR "yellow journalism" OR "information disorder*" OR "inauthentic actor*" OR "inauthentic entit*" OR "influence* operation*" OR truth* OR rumo* OR ((fake OR false OR misle* OR manipulat* OR harmful OR hoax* OR fabricate* OR accurac* OR accurate* OR inaccurac* OR inaccurate* OR inauthentic*) W/2 (news OR information OR content* OR narrative* OR image* OR story OR stories OR media OR fact OR facts OR belief*)))
Media literacy	(((media or digital or information or news or comput* or technolog* or critical* or citizen*) W/1 (literac* or literate* or competen* or skill* or educat*)) OR "conscious consumer*" OR "critical thinking" OR "critical reading" OR "critical reasoning" OR inoculat* OR innoculat* OR (civic W/2 reasoning) OR (myth* W/2 bust*) OR prebunk* OR debunk* OR ((evaluat* OR check* OR verif*) W/2 (news OR information OR content* OR narrative* OR story OR stories OR media OR source* OR fact OR facts OR belief*)))
Platform	(online OR "on-line" OR internet OR web* OR platform* OR "internet service* provider*" OR ISP* OR "social media*" OR "social network*" OR "social medium*" OR "search engine*" OR blog* OR microblog* OR weblog* OR vlog* OR podcast* OR influencer* OR follower* OR "fake account*" OR "malicious account*" OR "verified account*" OR "manufactured amplification*" OR microtarget* OR "micro-target*" OR "personalised target*" OR "personalized target*" OR clickbait* OR "click bait*" OR clickfarm* OR "click farm*" OR "content farm*" OR "computational propaganda" OR digital* OR technolog* OR cyber* OR "big data" OR "big tech*" OR algorithm* OR "artificial intelligence" OR AI OR "A.I." OR bot* OR cyborg* OR Facebook* OR Googl* OR Instagram* OR Pinterest* OR Reddit* OR Snapchat* OR Telegram OR Tencent* OR TikTok* OR "Tik Tok*" OR Tumblr* OR Twitter* OR tweet* OR retweet* OR "re-tweet*" OR Wechat* OR Weibo* OR WhatsApp* OR Wiki* OR Youtube* OR "You Tube*"))
Additional	PUBYEAR AFT 2010 AND (LIMIT-TO (DOCTYPE , "ar")) AND (LIMIT-TO (LANGUAGE , "English"))

Appendix 3: Seven-step Screening Tool

No	Inclusion criteria	Actions				Rayyan exclusion reason	More details
		No	Yes	Maybe	Don't know		![Include] [? Maybe] [Exclude] [Reason]
1	Is this paper in English?	Exclude	Include	Discuss/ Include	Maybe	1. Foreign language	Exclude anything that is not in English.
2	Is this paper a peer-reviewed article, a book, or a peer-reviewed chapter?	Exclude	Include	Discuss/ Include	Maybe	2. Wrong publication type	Exclude anything that is not a peer-reviewed article, a book, or a chapter (electronic): e.g. no PhD theses, no book reviews, no conference papers or proceedings.
3	Is this paper about misinformation or disinformation?	Exclude	Include	Discuss/ Include	Maybe	3. Not about misinformation/ disinformation	Exclude anything that is not about the intentional or unintentional spread of incorrect information.
4	Is this paper about information or media-related literacy (e.g. learning, skills, competencies, awareness, attitudes)?	Exclude	Include	Discuss/ Include	Maybe	4. Not about media literacy	Exclude anything that does not discuss some information- and/or media-related literacy. Literacy should be applied in the broad sense: learning, skills (like when to trust info or not; checking facts), awareness, attitudes, critical thinking etc.
5	Is this paper about an intervention (e.g. a programme, a website, an experiment, an information campaign, a change in content (e.g. flagging by platforms)?	Exclude	Include	Discuss/ Include	Include	5. No intervention	Exclude anything that does not have an element of "change"; something happening that helps people learn from, get informed or tries to alter the flow of mis/disinformation for users. Intervention should be applied in the broad sense: a programme, a website, an experiment, an information campaign, a change in content (e.g. flagging by platforms) etc
6	Does this paper address effectiveness of the intervention? (number of people with improved outcomes, what elements are successful/impactful)	Exclude	Include	Discuss/ Include	Include	6. No effectiveness	Exclude anything that does not measure how effective the intervention is. Again, measuring effectiveness is understood in a broad sense – showing how many people are doing better following an intervention; showing what types of elements (of an intervention, website, social media campaign) help fight misinformation, etc.
7	Does this study use a robust and suitable for our review methodology? (e.g. clear research questions, appropriate and high-quality methods, good sampling, ethical recruitment and research, justified conclusions, clear definition of misinformation and clear measurements)	Exclude	Include	Discuss/ Include	Include	7. Poor or unsuitable methodology	Exclude things that you find methodologically weak or unfit for the purpose of the study. Your judgments will vary based on the type of study but could include: unclear findings or methods of analysis, unclear sample, poor or vague recruitment strategy, poor or unclear measures, unclear definition of misinformation or literacy, unjustified conclusions.

Appendix 4: Coding framework

Reference	Add reference
Theme	Code the main theme of the publication
Research methods	Describe the research method used
Country of data collection	If the study uses primary research with participants enter the country/ies where the data was collected.
Age of sample	Age range of participants, enter mean age if range not available
Sample size	Enter the size of the sample on which the analysis is based
Overall findings	Summarise the key findings
Definition and measurement of misinformation	Briefly explain how misinformation if measured/ defined
Definition and measurement of media literacy	Briefly explain how media literacy is measured
Findings on the relationship between misinformation and media literacy	Discuss the findings which explain the relationship between misinformation and media literacy
Intervention (type, target, audience, description)	Describe what the intervention involved
Findings on the intervention outcomes	Discuss what the intervention found and how effective it was
How evaluated	Describe the evaluation method