

Declaration of Interest Statements

**Using Machine-Learning to Facilitate Data Extraction for Human Health Chemical Assessments: Protocol for a case
application**

DOI of manuscript: <https://zenodo.org/record/8418719>

From corresponding author: Michelle Angrish

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Andrew Shapiro

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebtoc.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Andrew Shapiro

Your email address: shapiro.andy@epa.gov

Date of completion of form (DD MMM YYYY): 11 Oct 2023

Contribution to the Publication Please describe in CRediT format

Conceptualization, Methodology, Software, Resources, Validation, Formal Analysis, Writing – Reviewing and Editing.

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
<input type="checkbox"/> From employment or provision of services, such as directorships, consultancy, honoraria, etc.	<input type="checkbox"/> Deeply held beliefs or convictions
<input type="checkbox"/> From intellectual property, such as patents, copyrights, etc.	<input checked="" type="checkbox"/> Current and previous research findings or projects
<input type="checkbox"/> From investments such as shares, stocks, other financial instruments, etc.	<input checked="" type="checkbox"/> Commitments to specific standards or processes
<input type="checkbox"/> From litigation or legal cases	<input type="checkbox"/> Publicly held positions
<input type="checkbox"/> From grants	<input type="checkbox"/> Personal relationships
<input type="checkbox"/> Other financial interests	<input checked="" type="checkbox"/> Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.
	<input checked="" type="checkbox"/> Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.
	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I am a federal employee of the United States Environmental Protection Agency (USEPA) and, in general, have a public commitment to data transparency and the protection of human and environmental health. I am the software technical lead for the Health Assessment Workspace Collaborative (HAWC), an MIT-licensed open-source application, and I therefore have a personal interest in promoting the use of this application in high-quality science, systematic reviews, and peer-reviewed journal articles. I have strong interests in automation, particularly including the automation of systematic review methodology and contribute to several projects and teams to advance the use of automation, FAIR data standards, open data policies, and evidence-based approaches as applied to environmental health sciences.

Signature

ANDREW
SHAPIRO

Digitally signed by
ANDREW SHAPIRO
Date: 2023.10.11
09:42:31 -04'00'

Notes

- (1) An "interest" is a commitment, obligation, duty or goal associated with a particular social role or practice. A conflict of interest arises when serving one interest could involve working at the expense of another. Interests may be financial or non-financial.
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Brittany Schulz

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Brittany Schulz

Your email address: schulz.brittany@epa.gov

Date of completion of form (DD MMM YYYY): 11/10/2023

Contribution to the Publication Please describe in CRediT format

Data curation, Visualization, Writing – Reviewing and Editing.

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests	Non-financial interests
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Please provide details about the financial interests you have indicated above

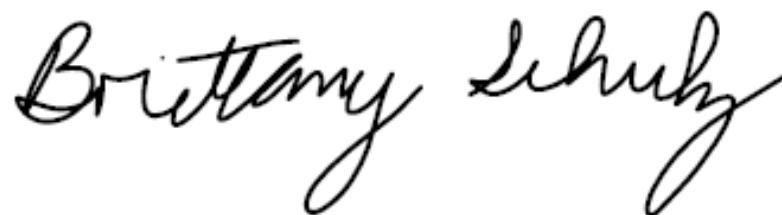
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Please provide details about the non-financial interests you have indicated above

I worked on this publication as part of my employment with a government contractor and for my own professional development.

Signature



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Evidence-Based Toxicology
Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Allison Phillips

Your email address: Phillips.allison@epa.gov

Date of completion of form (DD MMM YYYY): 10/10/2023

Contribution to the Publication Please describe in CRedit format

Resources, Writing – Reviewing and Editing

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
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	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA I am involved with producing chemical assessments supporting risk assessment and regulatory decision making. I have invited positions on Mixtures Specialty Section of the Society of Toxicology, the Oregon State University Superfund Research Program, and the Best Practices for Non-Targeted Analysis working group.

Signature

Allison Phillips

Notes

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Teresa Shannon

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Evidence-Based Toxicology Declaration of Interests Form

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Your name: Teresa Shannon

Your email address: shannon.teresa@epa.gov

Date of completion of form (DD MMM YYYY): 10/24/2023

Contribution to the Publication Please describe in CRediT format

Resources (staffing, funding, contractual), Project management

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Non-financial interests Do you have any of the following interests that could potentially influence or be affected by the publication?
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Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA, I am involved with resource (staffing and financial) management, contract management and work flow processes.

Signature



Notes

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Sean Watford

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Sean Watford

Your email address: Watford.sean@epa.gov

Date of completion of form (DD MMM YYYY): 10/16/2023

Contribution to the Publication Please describe in CRediT format

Conceptualization, Methodology, Software, Resources, Validation, Formal Analysis, Supervision, Project Administration, Writing – Original Draft Preparation

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Non-financial interests Do you have any of the following interests that could potentially influence or be affected by the publication?
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	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

The views expressed are my own and do not necessarily represent the views or policies of the US Environmental Protection Agency. I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA I am involved with data standards, and data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods in additional my role producing chemical assessments supporting risk assessment and regulatory decision making. I have invited positions on the EBT editorial board. I have strong interests in automation, particularly including the automation of systematic review methodology. I hold strong support for adopting FAIR data standards, open data policies, and evidence-based approaches to environmental health science and application in policy. The views expressed are my own and do not necessarily represent the views or policies of the US Environmental Protection Agency.

Signature

Sean Watford

Notes

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Vickie R. Walker

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Evidence-Based Toxicology Declaration of Interests Form

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Your name: Vickie R. Walker

Your email address: vickie.walker@nih.gov

Date of completion of form (DD MMM YYYY): 10/OCT/2023

Contribution to the Publication Please describe in CRedit format

Conceptualization, Methodology, Resources, Writing – Reviewing and Editing.

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
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	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

Insert here

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Please provide details about the non-financial interests you have indicated above

I have a general public commitment to high quality systematic review methods and high-quality data extraction standards that are consistent with FAIR data principles in support of environmental health science and decision-making. I am actively involved in a range of projects intended to improve these methodologies and have a strong interest in automation of data extraction approaches. I am a federal employee of the National Institute of Environmental Health Sciences (NIEHS) in the United States. As a health scientist I conduct literature based assessments, such systematic evidence maps and systematic reviews of environmental health science literature to support decision making. I serve as an organizing committee member for the NIEHS Environmental Health Language Collaborative and the International Collaboration for the Automation of Systematic Review. I have no active projects or future projects on this particular chemical and my primary interest is in the methods used for the evidence mapping and not the specific chemical.

Signature

Vickie R. Walker

Notes

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Kristina Thayer

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebtox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: **Kristina Thayer**

Your email address: **thayer.kris@epa.gov**

Date of completion of form (DD MMM YYYY): **10 10 2023**

Contribution to the Publication Please describe in CRediT format

Conceptualization, Methodology, Formal Analysis, Resources, Supervision, Project Administration, Writing – Original Draft Preparation

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests		Non-financial interests	
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From grants		Personal relationships	
Other financial interests	X	Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.	
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		Other non-financial interests	

Please provide details about the financial interests you have indicated above

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I have no financial interests to declare.

Please provide details about the non-financial interests you have indicated above

I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA I am involved with data standards, and data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods in addition to my role producing chemical assessments supporting risk assessment and regulatory decision making. I have invited positions on the EBTC advisory board. I have strong interests in automation, particularly including the automation of systematic review methodology. I hold strong support for adopting FAIR data standards, open data policies, and evidence-based approaches to environmental health science and application in policy.

Signature

Kristina Thayer

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Andrew A. Rooney

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Your name: Andrew A. Rooney

Your email address: andrew.rooney@nih.gov

Date of completion of form (DD MMM YYYY): 10 Oct 2023

Contribution to the Publication Please describe in CRediT format

Conceptualization, Methodology, Resources, Writing – Reviewing and Editing

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

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Please provide details about the financial interests you have indicated above

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I have a general commitment and support of high quality systematic review methods, systematic evidence mapping methods, and high-quality data extraction standards that are consistent with FAIR data principles in support of environmental health science and decision-making. I am a United States federal employee of the National Institute of Environmental Health Sciences (NIEHS). As a federal employee, I am Chief (acting) of the Integrative Health Assessments Branch (IHAB) in the Division of Translational Toxicology (DTT) at NIEHS. Our group plans, leads, and conducts literature-based assessments, such systematic evidence maps and systematic reviews of environmental health science research to support decision making for the public, researchers, or NIEHS. I am actively involved in a range of projects intended to improve systematic review methods, systematic evidence mapping methods, and evidence informatics or application of automation and informatic approaches to the review methods and public health research in general. In addition, I am not currently working, nor do I expect to be working in the future, in research on the chemical/review topic of this work (1,3-DNB) other than this project – which is focused on data extraction methods, not toxicology or health assessment.

Signature



Notes

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Krista Christensen

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Evidence-Based Toxicology Declaration of Interests Form

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Your name: Krista Christensen

Your email address: Christensen.krista@epa.gov

Date of completion of form (DD MMM YYYY): 10/10/2023

Contribution to the Publication Please describe in CRediT format

Methodology, Reviewing and Editing.

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

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I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I am a federal employee of the United States Environmental Protection Agency and have a general public commitment to data transparency and to the protection of human and environmental health. In my role at the EPA I am involved with producing chemical assessments to support risk assessment and regulatory decision making. I am a member of the American College of Epidemiology and the Society for Epidemiologic Research.

Signature



Notes

(1) An "interest" is a commitment, obligation, duty or goal associated with a particular social role or practice. A conflict of interest arises when serving one interest could involve working at the expense of another. Interests may be financial or non-financial.

(2) Contributors to a research project should declare any interests that a reasonable person would want to be aware of, in order to be confident that all relevant interests are known and can be evaluated for their potential to disrupt or compromise decision-making in the project.

(3) It is unlikely that someone with no interests in relation to a project would still be interested in being involved in a project. Declaring no interests is therefore unlikely to be a valid response to the questions in this form.

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Michele M. Taylor

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebtoc.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Michele M. Taylor

Your email address: taylor.michelem@epa.gov

Date of completion of form (DD MMM YYYY): 10/10/2023

Contribution to the Publication Please describe in CRedit format

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
<input type="checkbox"/> From employment or provision of services, such as directorships, consultancy, honoraria, etc.	<input type="checkbox"/> Deeply held beliefs or convictions
<input type="checkbox"/> From intellectual property, such as patents, copyrights, etc.	<input checked="" type="checkbox"/> Current and previous research findings or projects
<input type="checkbox"/> From investments such as shares, stocks, other financial instruments, etc.	<input type="checkbox"/> Commitments to specific standards or processes
<input type="checkbox"/> From litigation or legal cases	<input type="checkbox"/> Publicly held positions
<input type="checkbox"/> From grants	<input checked="" type="checkbox"/> Personal relationships
<input type="checkbox"/> Other financial interests	<input checked="" type="checkbox"/> Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.
	<input type="checkbox"/> Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.
	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

n/a

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Please provide details about the non-financial interests you have indicated above

I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency (US EPA) and am committed to data transparency and protection of human and environmental health. In my role at the US EPA, I am involved with data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods. In addition, I support the development of chemical assessments supporting risk assessment and regulatory decision making. I have strong interests in automation, particularly including the automation of systematic review methodology and have been an organizing committee member for both the International Collaboration for the Automation of Systematic Reviews (ICASR from 2017-present) and the Scientific Liaison Coalition (2021 to present). I hold strong support for adopting FAIR data standards, open data policies, and evidence-based approaches to environmental health science and application in policy.

Signature



Notes

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Elizabeth Radke

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebtox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Elizabeth Radke

Your email address: radke-farabaugh.elizabeth@epa.gov

Date of completion of form (DD MMM YYYY): 10/11/2023

Contribution to the Publication Please describe in CRediT format

Methodology, Reviewing and Editing.

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests		Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?		Do you have any of the following interests that could potentially influence or be affected by the publication?
<input type="checkbox"/> From employment or provision of services, such as directorships, consultancy, honoraria, etc.		<input type="checkbox"/> Deeply held beliefs or convictions
<input type="checkbox"/> From intellectual property, such as patents, copyrights, etc.	x	<input type="checkbox"/> Current and previous research findings or projects
<input type="checkbox"/> From investments such as shares, stocks, other financial instruments, etc.	x	<input type="checkbox"/> Commitments to specific standards or processes
<input type="checkbox"/> From litigation or legal cases		<input type="checkbox"/> Publicly held positions
<input type="checkbox"/> From grants		<input type="checkbox"/> Personal relationships
<input type="checkbox"/> Other financial interests	x	<input type="checkbox"/> Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.
		<input type="checkbox"/> Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.
		<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I am a federal employee of the United States Environmental Protection Agency and have a general public commitment to data transparency and to the protection of human and environmental health. In my role at the EPA I am involved with producing chemical assessments to support risk assessment and regulatory decision making. I am a member of the American College of Epidemiology and the Society for Epidemiologic Research.

Signature

Elizabeth Radke

Notes

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Glenn Rice

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebtox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Glenn Rice

Your email address: 26 West M.L. King Dr. Cincinnati, OH 45268

Date of completion of form (DD MMM YYYY): 12 10 2023

Contribution to the Publication Please describe in CRediT format

Reviewing Editing

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
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	<input type="checkbox"/> Other non-financial interests

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Please provide details about the financial interests you have indicated above

2

Please provide details about the non-financial interests you have indicated above

I have a general commitment to high quality scientific assessments including systematic review methods and high-quality data extraction standards that are consistent with FAIR data principles in support of environmental health science and decision-making. I am actively involved in a range of projects intended to improve human health risk assessment methods. I am a federal employee of the U.S. Environmental Protection Agency (US EPA) As a health scientist I conduct literature based assessments, such systematic evidence maps and systematic reviews of environmental health science literature to support decision making.

Please provide details about the non-financial interests you have indicated above

Insert here

Signature

Glenn Rice

Notes

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Amanda S. Persad

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Amanda S. Persad

Your email address: Persad.amanda@epa.gov

Date of completion of form (DD MMM YYYY): 10 October 2023

Contribution to the Publication Please describe in CRediT format

Data Curation, Resources, Writing – Reviewing and Editing

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests	Non-financial interests
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Do you have any of the following interests that could potentially influence or be affected by the publication?
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<input type="checkbox"/> From intellectual property, such as patents, copyrights, etc.	<input checked="" type="checkbox"/> Current and previous research findings or projects
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<input type="checkbox"/> Other financial interests	<input checked="" type="checkbox"/> Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.
	<input type="checkbox"/> Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.
	<input type="checkbox"/> Other non-financial interests

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA, I am involved with data standards, and data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods in addition to my role producing chemical assessments supporting risk assessment and regulatory decision making. I have strong interests in automation, particularly including the automation of systematic review methodology. I hold strong support for adopting FAIR data standards, open data policies, and evidence-based approaches to environmental health science and application in policy.

Signature



Notes

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Artur Nowak

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Artur Nowak

Your email address: artur.nowak@evidenceprime.com

Date of completion of form (DD MMM YYYY): 12 Oct 2023

Contribution to the Publication Please describe in CRediT format

Conceptualization, Methodology, Software, Resources, Validation, Formal Analysis, Writing
– Original Draft Preparation

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests		Non-financial interests	
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?		Do you have any of the following interests that could potentially influence or be affected by the publication?	
<input checked="" type="checkbox"/>	From employment or provision of services, such as directorships, consultancy, honoraria, etc.	<input type="checkbox"/>	Deeply held beliefs or convictions
<input checked="" type="checkbox"/>	From intellectual property, such as patents, copyrights, etc.	<input checked="" type="checkbox"/>	Current and previous research findings or projects
<input checked="" type="checkbox"/>	From investments such as shares, stocks, other financial instruments, etc.	<input type="checkbox"/>	Commitments to specific standards or processes
<input type="checkbox"/>	From litigation or legal cases	<input type="checkbox"/>	Publicly held positions
<input checked="" type="checkbox"/>	From grants	<input type="checkbox"/>	Personal relationships
<input type="checkbox"/>	Other financial interests	<input type="checkbox"/>	Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.
		<input type="checkbox"/>	Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.
		<input type="checkbox"/>	Other non-financial interests

Please provide details about the financial interests you have indicated above

I'm employed, and I'm a shareholder of, Evidence Prime, a software company that offers Laser AI, one of the tools evaluated in this work. Additionally, the ongoing development of

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Laser AI is partially funded by research grants. The project was partially funded by a grant that ended in 2022, and my company is in the process of applying for another grant for further work on this project.

Please provide details about the non-financial interests you have indicated above

I have strong interests in automation, particularly including the automation of systematic review methodology and I published in the past in this area. I also participate in the International Collaboration for the Automation of Systematic Reviews and I'm a member of the GRADE Working Group.

Signature



Notes

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Michelle Angrish

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: Michelle Angrish

Your email address: Angrish.michelle@epa.gov

Date of completion of form (DD MMM YYYY): 10/10/2023

Contribution to the Publication Please describe in CRediT format

Michelle Angrish: Conceptualization, Methodology, Formal Analysis, Resources, Supervision, Project Administration, Writing – Original Draft Preparation

Interests Please place an X next to any interests relevant to your situation. See notes for term definitions.

Financial interests		Non-financial interests	
Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?		Do you have any of the following interests that could potentially influence or be affected by the publication?	
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From intellectual property, such as patents, copyrights, etc.	x	Current and previous research findings or projects	
From investments such as shares, stocks, other financial instruments, etc.	x	Commitments to specific standards or processes	
From litigation or legal cases		Publicly held positions	
From grants		Personal relationships	
Other financial interests		Membership or active role in other organisations, e.g. societies, lobby or pressure groups, government agencies, etc.	x
		Position of authority in an organisation, such that you are seen as upholding that organisation's views, standards, values, etc.	x
		Other non-financial interests	

Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I have general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency and have general public commitment to data transparency and protection of human and environmental health. In my role at the EPA I am involved with data standards, and data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods in addition to my role producing chemical assessments supporting risk assessment and regulatory decision making. I have invited positions on the EBT editorial board and EBTC interim Scientific Advisory Council, and NIEHS Environmental Health Language Collaborative. I have strong interests in automation, particularly including the automation of systematic review methodology and have been an organizing committee member for the International Collaboration for the Automation of Systematic Review. I hold strong support for adopting FAIR data standards, open data policies, and evidence-based approaches to environmental health science and application in policy.

Signature



Notes

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A. Amina Wilkins

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Evidence-Based Toxicology Declaration of Interests Form

This form was adapted from the Evidence-Based Toxicology Collaboration (www.ebttox.org) Declaration of Member Interests form. Last updated: 20 December 2022

Your name: A. Amina Wilkins

Your email address: Wilkins.Amina@epa.gov

Date of completion of form (DD MMM YYYY): 11 OCT 2023

Contribution to the Publication Please describe in CRediT format

A. Amina Wilkins: Methodology, Reviewing and Editing

Interests Please place an X next to any interests relevant to you situation. See notes for term definitions.

Financial interests Do you, your family, close relations or acquaintances, currently have, have had in the last 5 years, or expect to have in the next 2 years, any financial interests (potential gains or losses) that could be affected by the publication?	Non-financial interests Do you have any of the following interests that could potentially influence or be affected by the publication?
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Please provide details about the financial interests you have indicated above

I have no financial interests to declare.

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Please provide details about the non-financial interests you have indicated above

I have a general commitment to high quality data extraction standards that are consistent with FAIR data principles. I am a federal employee of the United States Environmental Protection Agency (USEPA) and, in general, have a public commitment to data transparency and the protection of human and environmental health. In my role at the USEPA, I am involved with data management/documentation/workflow practices related to both data extraction and the automation of systematic review methods. In addition, I provide data, methods, and tools to advance human exposure science research supporting exposure and risk assessments, and regulatory decision making. I have elected leadership positions (past and current) with the Society for Risk Analysis (SRA). I have strong interests in automation, particularly including the automation of systematic review methodology and contribute to several projects and teams to advance the use of automation, FAIR data standards, open data policies, and evidence-based approaches as applied to environmental health sciences.

Signature



Notes

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