



The Peer Models Network's Twitter Page

@PeerModels

Goals:

- 1 To promote PMN's website, YouTube channel, and blogs
- 2 To post content regarding scientific modelling, public health, and health economics
- 3 To raise awareness on the necessity of diversity in public and patient engagement in science

 **The Peer Models Network**
356 Tweets



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The Peer Models Network
@PeerModels

Scientific modelling informs healthcare decisions. So we promote [#PublicEngagement](#) in modelling! View models, watch videos, start conversations 🙌🙌🙌🙌

📍 Musqueam Territory peermodelsnetwork.com 📅 Joined March 2020

728 Following 337 Followers

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 **The Peer Models Network** @PeerModels · Mar 18

Scientific modelling, social values, & health economics. If any of those interest you, check out our recent video series made by [@newsvava](#) w the collaboration of [@ewinsberg](#) [@Na_Manni](#) [@aminadibi](#) [@imwithperiods](#). A huge thank you to [@BCSUPPORTUnit](#) [@BCAHSN](#) for their support.

Teaser:





Lacking Diversity

Unfortunately Black, Indigenous, and other people of colour are most often underrepresented in health research, which is dominated by white individuals

1

Social Justice

Fairness in healthcare calls for the equal representation of all people in research and modelling, including Black, Indigenous, and other racialized people harmed by white supremacy

Key Points of the Article:

- ❑ For years, Black people report receiving substandard care
- ❑ Pandemic further raised awareness on the impact of racism in healthcare
- ❑ **The existence of systemic racism in Canada should not be overlooked**



The Peer Models Network @PeerModels · Jan 11

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Take a read @ShreeParadkar's recent article on @TorontoStar, which raises awareness of an important issue that has existed for too long: anti-Black racism in medicine. The pandemic only further highlights how racism in Canada affects the health of many.



Opinion | Knock down anti-Black racism in medicine, two powerhous...

For years, Black people have shared, with data scientists, governments, academics, journalists and each other, terrifying stori...

[the star.com](https://www.thestar.com)

2

Transparency

Transparency means making data sources and limitations explicit

Key Points of the Article:

- ❑ Public health data collection often excludes minority groups
- ❑ **The first step to gaining public trust is to address the inequalities present in the data representing patients**



The Peer Models Network @PeerModels · Jan 12



"The main nuance of Indigenous data is recognizing that, right now, the data simply isn't being collected, or it's being collected in a manner that still effectively excludes us — or we're being racially misclassified."

[@echohawkd3](#)

 **NNPHI** @NNPHI_ORG · Jan 12

"I strongly believe that county, state and federal public health entities can learn from trusting individual tribal communities, urban Indian organizations and their public health entities on how best to address COVID at the community level." @echohawkd3

[patch.com/alaska/across-...](#)

[Show this thread](#)

3

Good Science

“Good science” is science that receives criticism from diverse perspectives and transforms in response to that criticism

Key Points of the Paper:

- ❑ A modelling framework assesses the inequalities of cancer risks
- ❑ Black and Latinx residents exposed to a higher risk due to intersectional, social determinants of health
- ❑ **For models to be accurate and meaningful to all patients, minority groups should not be underrepresented**



The Peer Models Network @PeerModels · Jan 28

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Take a read at this recent paper, tackling the inequalities in cancer risks through a modelling framework. [@aheblog](#)

Drawing on the traditions of environmental justice, intersectionality, and social determinants of health, and using data from the EPA's NATA 2014 estimates of cancer risk from air toxics, we demonstrate a novel quantitative approach to evaluate intersectional environmental health risks to communities: Eco-Intersectional Multilevel (EIM) modeling. Results from previous case studies were found to generalize to national-level patterns, with multiply marginalized tracts with a high percent of Black and Latinx residents, high percent female-headed households, lower educational attainment, and metro location experiencing the highest risk. Overall, environmental health inequalities in cancer risk from air toxics are: (1) experienced intersectionally at the community-level, (2) significant in magnitude, and (3) socially patterned across numerous intersecting axes of marginalization, including axes rarely evaluated such as gendered family structure. EIM provides an innovative approach that will enable explicit

Intersectional environmental justice and population health inequalities

Drawing on the traditions of environmental justice, intersectionality, and social determinants of health, and using data from the EPA's ...

ideas.repec.org

Concluding Thought

We need to continue to work on strengthening patient and public engagement in modelling