



Digital poster & descriptions of subdimensions
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Guidelines on quality assessment and reporting of mathematical modelling studies for infectious disease dynamics: A scoping review

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Take-away and next steps

No commonly used guidelines exist for **ID modelling**. Recommendations from **adjacent fields** can be adapted to create a **reporting guideline** and **quality assessment tool** specific to ID modelling studies.

We are working on this!

Join us!

Interested in being part of the process of developing a reporting guideline or quality assessment tool? Get in touch!

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Introduction

Background: Mathematical models help guide public health policy decisions. It is vital that infectious disease (ID) modelling studies are comprehensively and transparently reported so readers can assess their quality and credibility.

- Question:** What reporting guidelines or quality assessment tools exist for infectious disease modelling or adjacent fields?
- Aim:** Identify common themes/topics that can be used to develop reporting and quality assessment tools tailored to ID modelling studies.

Methods

- We performed a scoping review of recommendations on reporting and quality assessment for dynamic and decision-analytic modelling studies.
- Article searches were conducted in Medline, Web of Science, MedRxiv/BioRxiv, and TRIP database.
- We collected recommendations and classified them into several broad themes (called dimensions and subdimensions).

Results

