



2025

Convenors: Barnaby Reeves, George Wells, Beverley Shea, Hugh Sharma Waddington, Jo Dumville



## Highlight: Defining and determining which quantitative study designs to include in a systematic review of the effects of a healthcare intervention



### Research and development

- HSW and colleagues at the London School of Hygiene and Tropical Medicine (LSHTM) are working with Cochrane on the Wellcome Trust DESTINY project, investigating responsible use of AI and Large Language Models in evidence synthesis. The LSHTM is leading demonstrator projects that are attempting to automate effect size extraction (mortality and morbidity) and risk-of-bias assessments using existing tools.
- Collaborating on a crowd-sourcing component of the DESTINY project (and Cochrane's work more generally), where we will be advising Cochrane on study design-related factors that can be easily distinguished (e.g. collection of a pre-test measure, type of comparison, treatment assignment mechanism, unit of analysis).



### Best practice and guidance

- Collaborated with public health colleagues to develop the guidance highlighted above. One of the NRSIMG convenors (HSW) is preparing a submission to the BMJ based on the guidance.
- HSW and colleagues have also revised the Campbell papers on Study Design and Risk of Bias. These papers will be published in a couple of months.



### Methods implementation

- Publication of the [Cochrane guidance paper on quantitative study designs to include in a systematic review of the effects of a healthcare intervention](#).