**Supplementary file 4: List of data extraction variables**

*General information*

* Author's last name and date of publication
* Lead entity: entity that initiated the prioritization
* Aim of study
* Target audience
* Year of prioritization conduct
* Scope of prioritization
* Topic of prioritization (clinical, public health, health systems) and specific domain
* Focus of prioritization (topics, questions, outcomes)
* Type of guideline development (de novo development, update, adaptation)
* Description of conducted prioritization exercise

*Prioritization steps*

* Principles guiding prioritization
* Generation of initial list of topics (identification of existing trials; identification of existing systematic reviews; identification of existing guidelines; build on data from health information system; build on previous priority setting exercises; stakeholder input)
* Collection of technical data (e.g., burden of disease or cost-effectiveness data)
* Use of established prioritization methods (e.g., James Lind Alliance methodology)
* Research gap analysis (i.e., mapping of evidence against priority topics)
* Criteria-related factors
  + Use of prioritization criteria
  + Ranking of priorities (consensus versus metrics)
* Post-prioritization
  + Refinement of priorities into guideline topics
  + Dissemination and implementation
  + Revision mechanism
  + Monitoring and evaluation

*Stakeholder input*

* + Type(s) of stakeholders (we used the 7Ps framework)
  + Recruitment method
  + Method(s) of engagement

*Prioritization outputs*

* + Type of output (e.g., topics, questions)
  + Presentation of outputs (e.g., ranked or non-ranked)