Online posting of risk-of-bias assessments with a DOI

We found a platform for the Replication Package that is very good in posting documents online that cite other documents with DOIs (https://en.wikipedia.org/wiki/Digital_object_identifier).

While it is easy to post documents on the internet, or to even give such documents DOIs, it is not that easy for citations by those documents to be found by citation scrapers such as Crossref. Crossref typically only finds citations by journal articles, since journals provide neat citation meta-data. So if the document is doing the citing is not a journal article, such as a risk-of-bias assessment document that cites a protocol, the citation might never be found. ResearchEquals is a platform that tries to tackle this for documents other than journal publications.

We can probably not cite all supplementary material separately in the manuscript, especially if documents appear online after the manuscript. So we make a supplementary material collection, that keeps collecting material after the manuscript appears on MedRxiv. We try to generate citations from that collection as best as possible, to show, for example, that trial protocols were used.

Three protocols already have a DOI as a journal publication (see here (NL), here (DK) and here (BR)) and are cited in the manuscript and added to the Supplementary material collection:

https://www.researchequals.com/collections/kyep-h9

If you link to ORCID before you post on ResearchEquals, then the risk-of-bias assessment will appear on your ORCID profile

We encourage you to link to your ORCID straight away, to avoid problems connecting the online risk-of-bias assessment to your ORCID account afterwards.

This does not mean that the risk-of-bias assessment will always be visible on your public ORCID page. To remove it from your public ORCID page, log into your ORCID account, scroll to 'Works', select the protocol, click 'Action', 'Set visibility' to 'Only Me'.

Step-by-step instructions for a risk-of-bias assessment DOI at ResearchEquals for BR trial

The BR trial publication contains the document you evaluated for the risk-of-bias assessment as 'Additional file 1'. https://trialsjournal.biomedcentral.com/articles/10.1186/s13063-020-04822-0. So a risk-of-bias assessment online document can cite that Trials publication.

These steps need to be taken by Anneke, Kelly and Jesper separately

1. Make an account at ResearchEquals each: https://www.researchequals.com/signup
   (Anneke, Kelly and Jesper each need to create their own account.)
2. Complete your author name (the name you use for publishing papers).

3. Connect your ORCID if you would like your protocol DOI to appear on your ORCID page. (Or just for yourself, see above.)
4. Go to settings, using the gear symbol in the right-upper corner. Go to Emails and check the box to receive notification e-mails to approve being added as an author by others and any changes others make. You can always uncheck this box later.

These steps need to be taken by one person

5. Create draft, using the +-button in the right-upper corner.
6. *Title*: Risk-of-bias assessment protocol BR trial
7. *Summary:* add some information on the date of your protocol document
8. *Module type:* Review
9. *License*: We advise License CC BY 4.0 (you do not have to make a payment), but you can choose differently. We will use CC BY for the Statistical Analysis Plan and used CC0 for the newsletters, following this blog post for some background information: https://www.chjh.nl/copyright-and-licenses-in-open-access-publishing/
10. *Display color: Emerald*
    (Nice for visualization if all risk-of-bias assessments appear with the same color in the collection)
11. Save
12. Your module appears as a draft.
13. Go to the draft.
14. *Reference list:*
    Please cite the BR trial protocol in the field *'Reference list'* by searching the DOI:
    10.1186/s13063-020-04822-0
    (Trials publication of the BR protocol)

15. Upload the main file of the risk-of-bias assessment and possibly supplementary files.
16. Add the other two authors. They need to approve the invite.
17. *Check everything.*
18. *All authors have to approve the latest version of the module.*
19. (When all authors have approved) Click Publish Module (any author can do that)
20. E-mail the link to your module to Judith (schure@cwi.nl) such that it can be cited and added to the ALL-IN-META-BCG-CORONA Replication Package: https://www.researchequals.com/collections/kyep-h9