

## Week 04 Quality criteria for good research: In-class tasks solutions

Open and reproducible science: general reasons and approaches

### Task 1

See the homework solution file.

### Task 2

For Preprint 1: This is a clinical trial and hence it should be registered on [clinicaltrials.gov](https://clinicaltrials.gov). Do you find information on it?

<https://clinicaltrials.gov/ct2/show/NCT04668469> NCT04668469

First Posted : December 16, 2020 Last Update Posted : December 16, 2020 “The study was carried out from 8th June to 15th September 2020.”

Preprint date: December 28th, 2020

### Task 3

For Preprint 2 exists a published version. Can you find any difference if you assessed this version with PRECHECK (not only in the yes/no but also in the content which leads to yes/no)?

Difference is only in the mentioning of the ethics statement.

### Task 4

Look at the medarxiv site for Preprint 2: what do you find on reporting guidelines? The authors checked that they used one.

Which reporting guideline would be pertinent for this article? STROBE

Do you find something on reporting guidelines in the published article? NO

Do you find the policy of the journal regarding reporting guidelines? It requires the use of reporting guidelines. See author instructions <https://els-jbs-prod-cdn.jbs.elsevierhealth.com/pb/assets/raw/Lancet/authors/tlid-info-for-authors.pdf>

### Task 5 (optional if time allows)

Find the journal policy on data sharing. Same document.

“From September 21, 2020, all submitted research Articles must contain a data sharing statement, to be included at the end of the manuscript.”