

Review of: "IRIS Software Protocol v1"

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INTRODUCTION

This article is a peer review of the [IRIS software protocol](#), a protocol developed in the context of the [Open Science](#) course at the [University of Bologna](#) by Erica Andreose, Salvatore Di Marzo, and Leonardo Zilli. The software, as well as stated in the *Abstract* of the paper, aims to compare the intersection of data coming from the [IRIS](#) dataset and the [OpenCitations Meta](#) and [OpenCitations Index](#) datasets.

OVERALL OBSERVATION

The protocol, which is here reviewed in an embryonic state, is well structured and already lets us understand the objectives of the project and indicates the major stages of the workflow that the authors will follow. The protocol states in the abstract the goals and the research questions that it will answer, its structure, with a detailed description of the data used and the operations performed on them. As presented at this point in the research, the protocol will allow the reproducibility of the methodology.

A minor issue, caused by the early stage of the protocol, is the absence of any specification about the future storage of the data produced and where and how they will be accessed.

STRUCTURAL OBSERVATION

Here the authors can find some critical aspects in the structure of their work that should be considered to improve it.

A first observation that emerges is the absence of any influence of the state of the art and comparison with it while developing the protocol. It would be interesting to understand if any previous work has been used to develop this tool and if not, to describe why.

Moreover, it could be added a section on the interpretation of the results obtained by the "research question answering" section.

Finally, in the two Query sections, it could be useful to understand what each query does, to insert a short verbal description defining what each query returns.

OTHER OBSERVATION

Here we will just point out some minor issues that are suggestions to make the protocol more usable or to correct some

small slips.

- The link requirements.txt returns a 404 page.
- A link to IRIS and OpenCitations could be inserted in the abstract.
- (Tiny, very-personal-taste-oriented changes) The “Before starting” heading could be replaced with “To run the code.”