**Intro to Metadata Episode Notebook**

Part of FAIR in (bio) practice, <https://carpentries-incubator.github.io/fair-bio-practice>

**Attendance**

Please sign in here: your name/ pronoun (if you prefer to share it) / institution / country.

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**Exercise 1. Identify types of metadata**

Here we have an excel spreadsheet that contains project metadata for a made-up experiment of plant metabolites

Graphical user interface, application, table, Excel

Description automatically generated

In groups, identify different types of metadata (administrative, descriptive, structural) present in this example.

**Exercise 2. Public ID in action**

The Wellcome Open Research journal uses ORCID to identify authors.

*If you have not done it yet, register yourself at ORCID*

Open one of our papers [doi.org/10.12688/wellcomeopenres.15341.2](https://wellcomeopenresearch.org/articles/4-104/v2) and check how public IDs such as ORCID can be used to interlink information.

The second metadata example (the Excel table) contains two other types of public IDs.

1. Can you find them?
2. Can you find the meaning behind those Ids?

**Exercise 3. What to include – discussion**

Think of the data you generate in your projects and imagine you are going to share them.

What information would another researcher need to understand or reproduce your data (the structural metadata)?

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For example, we believe that any dataset should have:

* A name/title
* Its purpose or experimental hypothesis

Write down and compare your proposals, can we find some common elements?

**Exercise 4. Metadata Quiz**

Which of the following statements about Metadata are true/false? (type T or F next to each statement)

**<Add in questions here>**

**Feedback. Help us improve!**

1.      How do you feel about the presented topics after this session (type +1 next to the statement that best describes your feeling):

•       I am more confused:

•       I have a better understanding of them now:

•       My knowledge has not changed much:

2.      Thinking of your knowledge of the lesson topic and its presentation,

which one of the statements best characterize your experience (type +1

next to the statement)

•       I am a novice, and I found the course useful/informative:

•       I am a novice, but I think the course should be improved:

•       I have experience in the presented area, but I found the course

useful/informative:

•       I have experience in the presented area, and I think the course could

be improved:

3.      How was the pace of the lesson:

•       Too fast:

•       About right:

•       Too slow:

4.      If the lesson had to be 5 minutes shorter, what would you remove:

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5. If the lesson could be 5 minutes longer, what would you add or spend

more time on:

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