



RELATION EVALUATION TUTORIAL

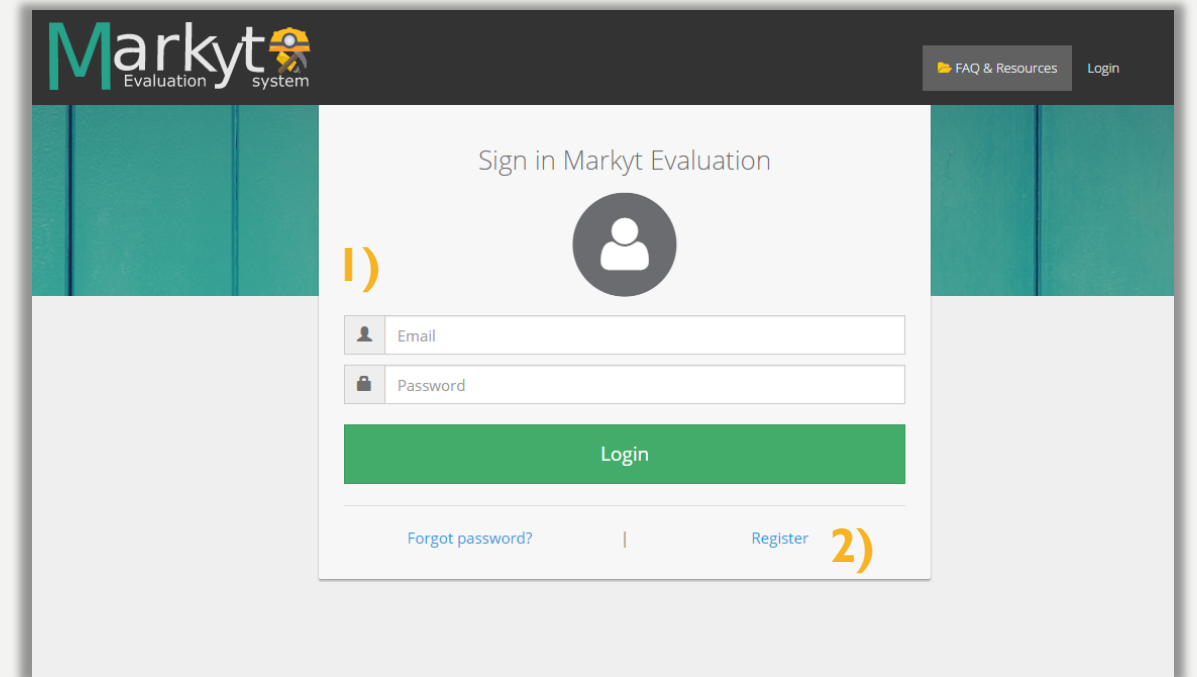
CONTENTS

- Register and login
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 - Relation file submission
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LOGIN PANEL

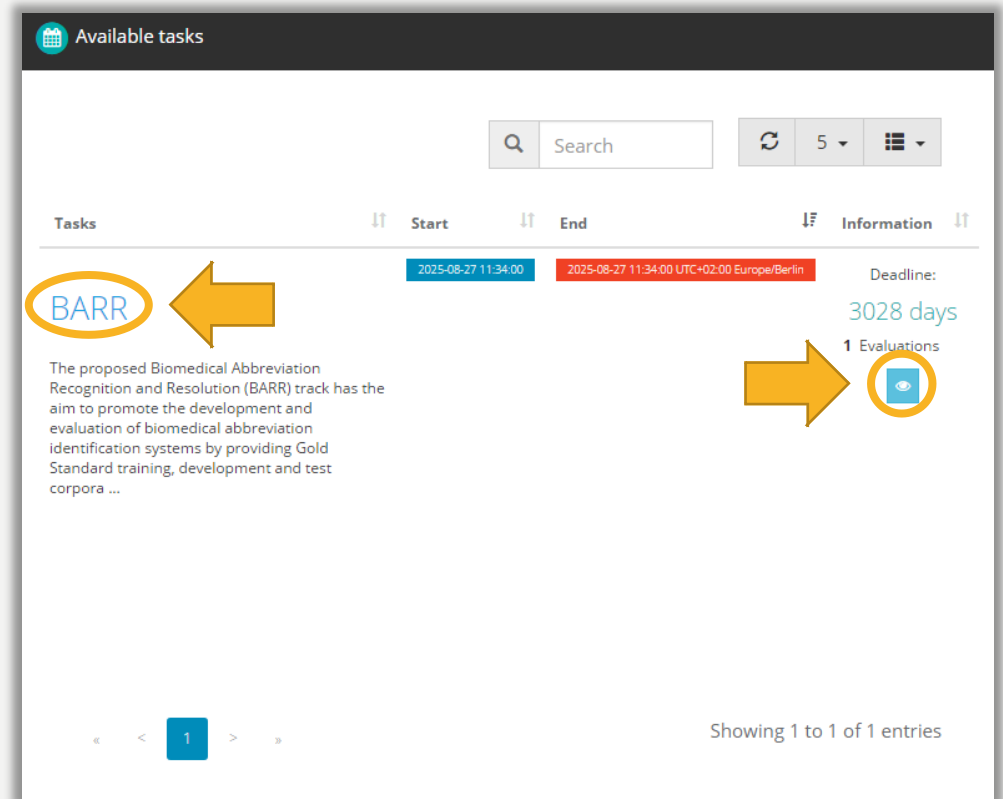
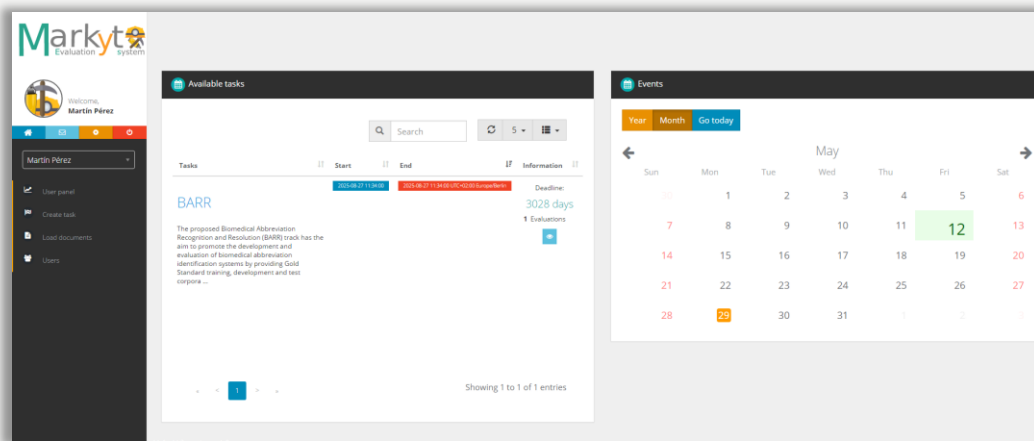
To access the platform go to the participant sign in area:

- 1) Login in to the system with your credentials; or,
- 2) Create a new account.



USER'S MAIN PAGE

After logging in, you are granted access to the available competitions (e.g. BARR task).



TASK VIEW

- For example, this are the general panels of the BARR task.
- Mainly, you can upload relation files to your private repository (1) and run relation evaluations (2).
- You can also check current overall/average performance metrics (3).

0 Evaluation queue

0 sec Evaluation waiting time

Entity prediction evaluation

Avg	Micro	F-score	1
Min	Micro	F-score	1
Max	Micro	F-score	1
Avg	Macro	F-score	1
Min	Macro	F-score	1
Max	Macro	F-score	1
Total evaluations			1

Relation prediction evaluation

Avg	Micro	F-score	0
Min	Micro	F-score	0
Max	Micro	F-score	0
Avg	Macro	F-score	0
Min	Macro	F-score	0
Max	Macro	F-score	0
Total evaluations			0

3) Metrics

Entity evaluation Relation evaluation

Your relation files repository

1) Upload here your relation files

Drop files Here

+ Add files... Download all Delete selected

- The maximum file size for uploads is 80MB.
- You can drag & drop files from your desktop into this webpage
- Replace uploaded files

Your relation evaluations

Search

File	Created	F-score	Progress	State	Actions
There isn't data					

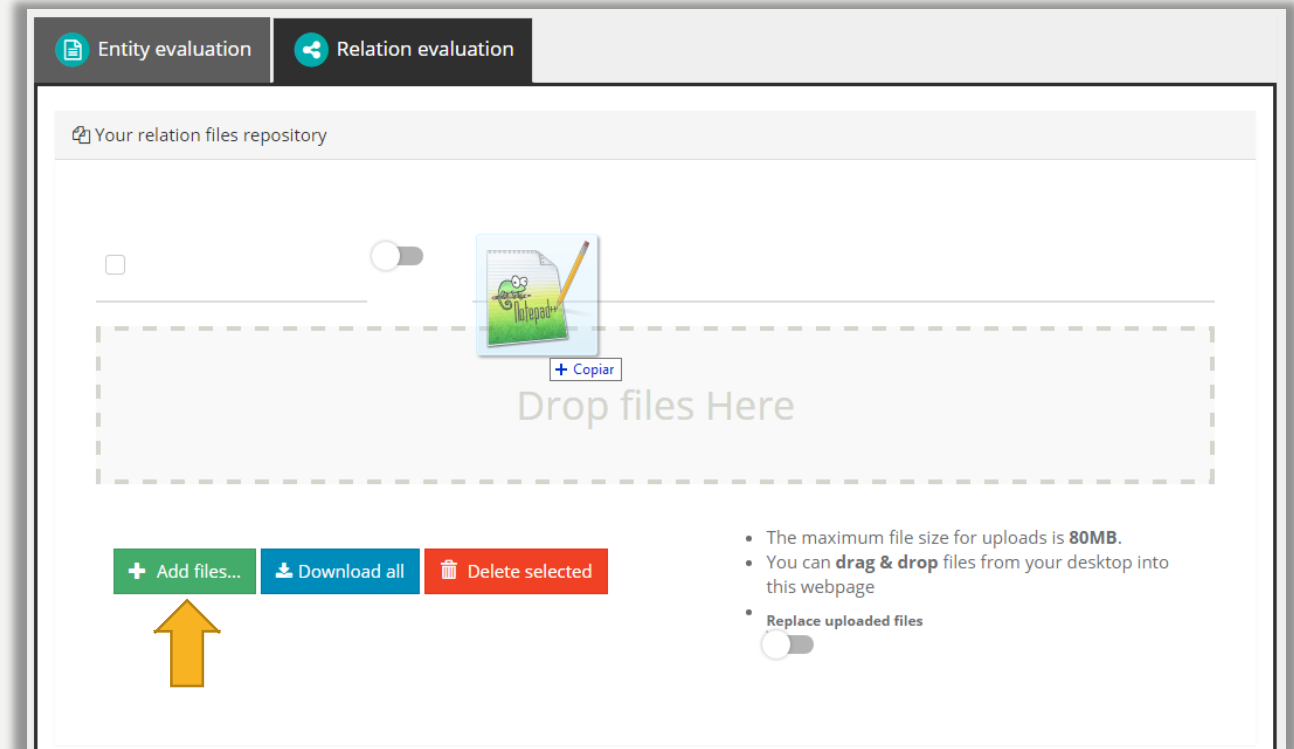
Run evaluation

2) Evaluate uploaded relation files here

Showing 0 to 0 of 0 entries

PREDICTION REPOSITORY

- Each participant has a private relation repository.
 - Simply drag files to your browser or press the ‘Add files...’ button in order to upload files.
- Relation files must be in TSV format and the encoding should be UTF-8.
 - Examples are provided in [Resources section](#) (inside Markyt Evaluation website).
 - Note that you have to download the example and upload it into the repository before using it (i.e. running any evaluation).



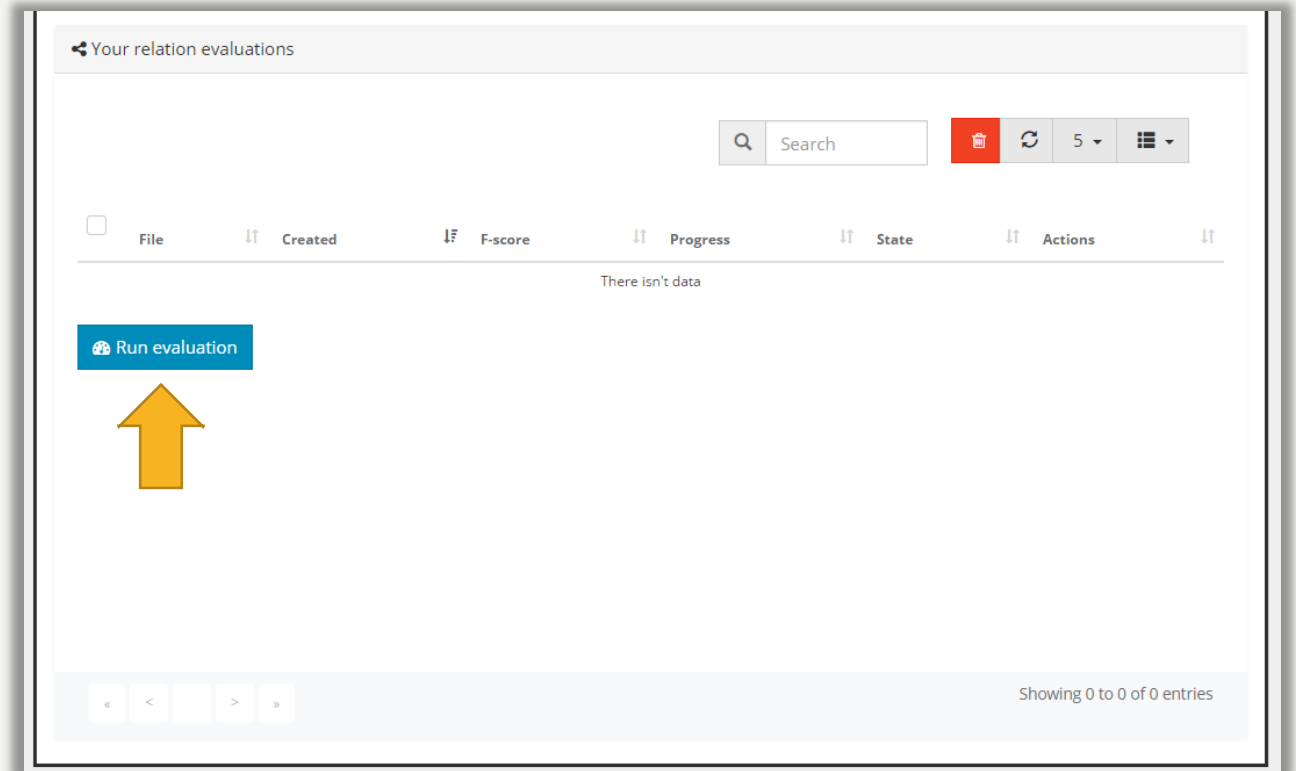
RELATION FILE EXAMPLE

- It is necessary that the TSV file meets the following requirements:
- Have the next header (first line) separated by tabs (t):
 - Document
 - Language
 - Annotation A
 - Annotation A section
 - Annotation A offsets
 - Annotation A type
 - Relation
 - Annotation B
 - Annotation B section
 - Annotation B offsets
 - Annotation B type
- Download an example [here](#)

```
100953 → es → minutos → A → 678:685 → LONG → SF · - · LF → min → A → 702:705 → SHORT CR LF
102397 → es → fibromialgia → A → 72:84 → LONG → SF · - · LF → FM → A → 86:88 → SHORT CR LF
103890 → es → discinesia · ciliar · primaria → A → 17:43 → LONG → SF · - · LF → DCP → A → 45:48 → SHORT CR LF
```

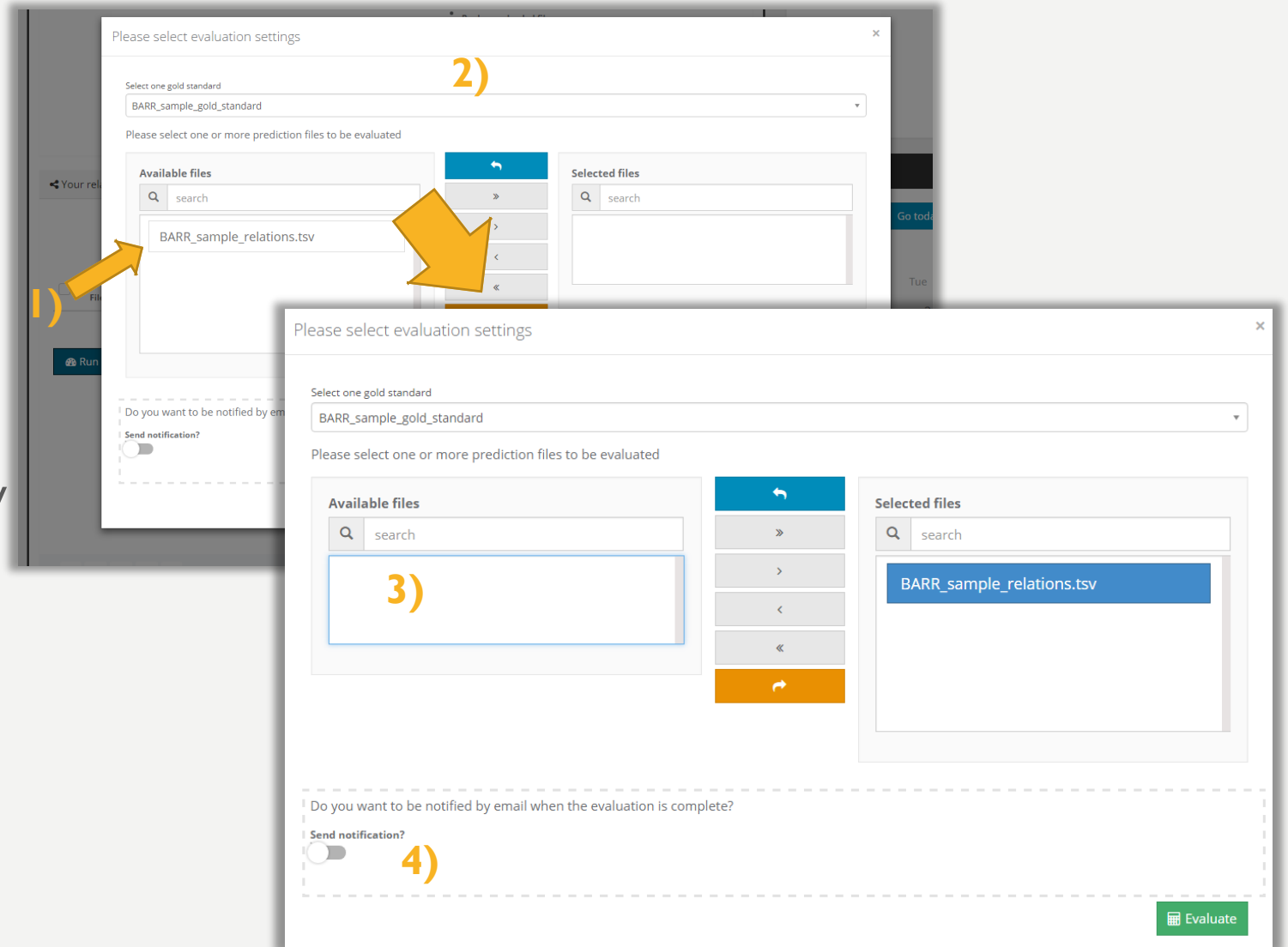
RUN RELATION EVALUATION (I)

- Click in the “Run evaluation” button to select relation files from your repository and run evaluations.

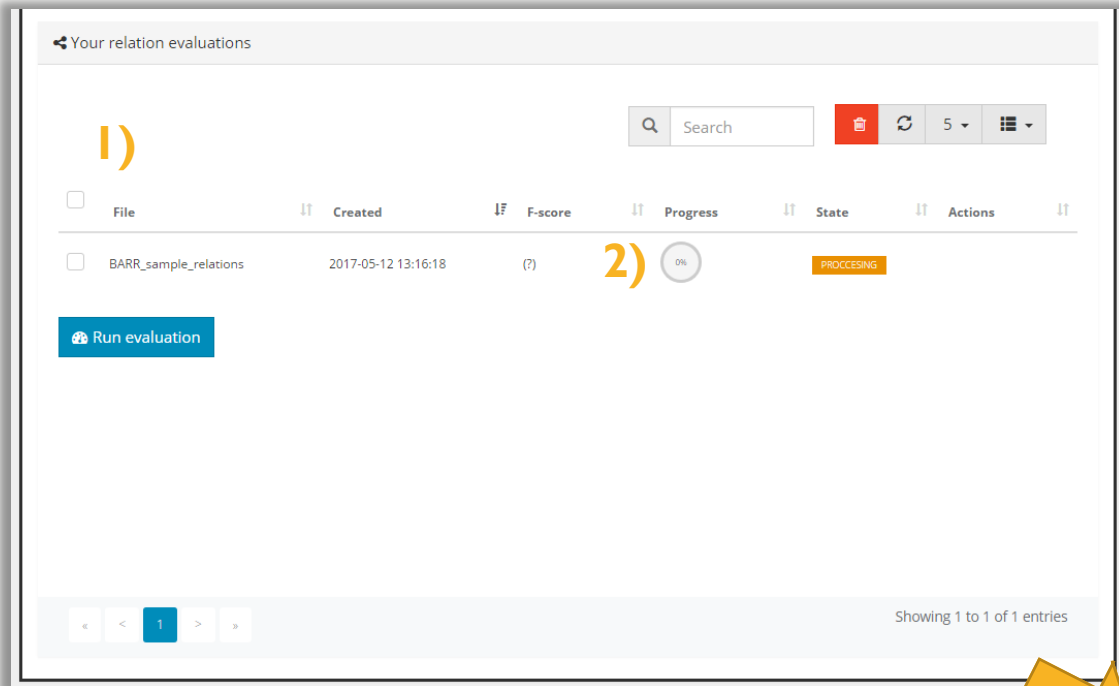


RUN RELATION EVALUATION (II)

- Once you click “Run evaluation” (1) a new window opens (2).
- Select the relation files that you wish to evaluate by clicking on their name (3).
 - Here, the file BARR_sample_relations.tsv was selected.
- You can also choose to receive an email notification when the evaluation is completed (4).
- Click on “Evaluate” to run the evaluation.

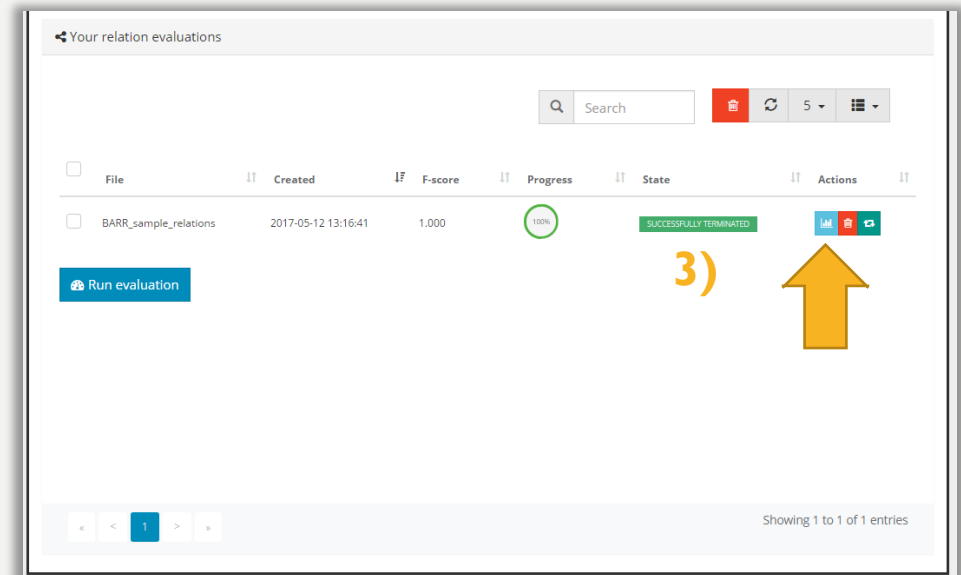


RUN RELATION EVALUATION (III)



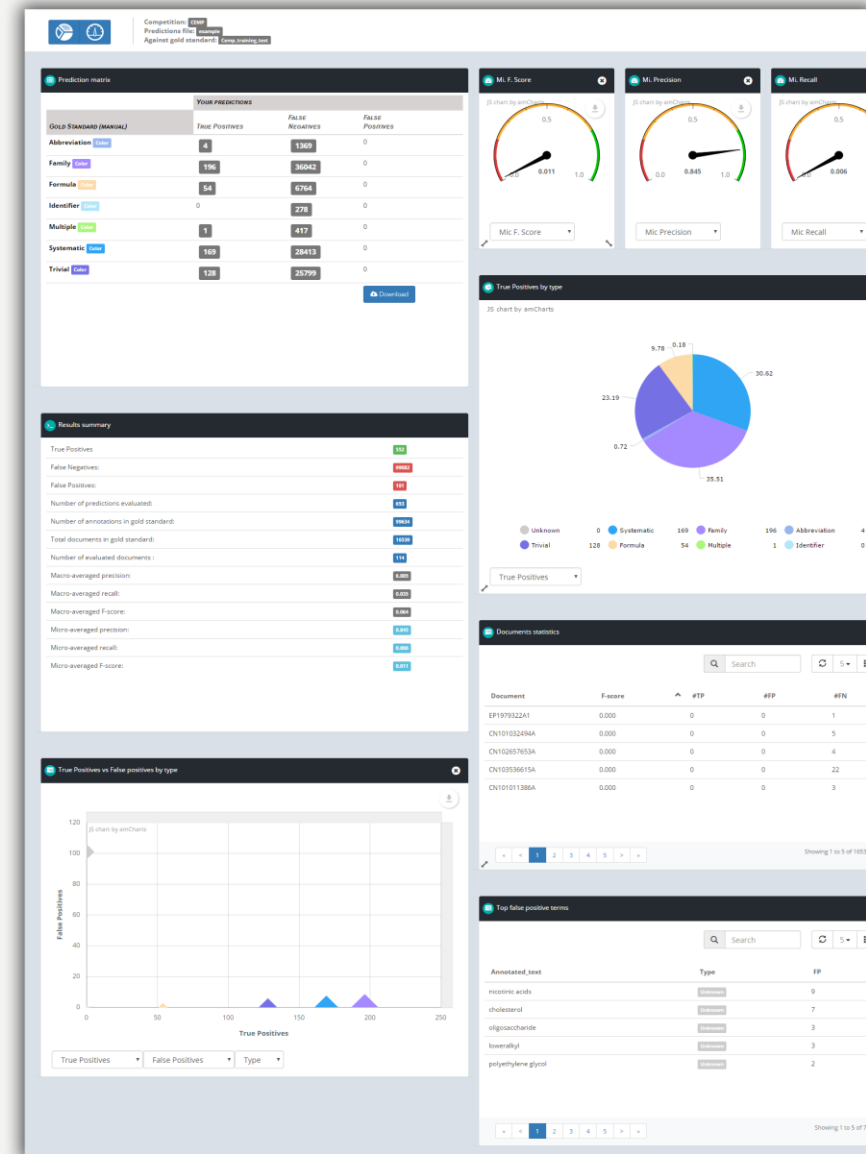
- Your evaluation request will be inserted into the Markyt Evaluation queue (1).
- You can check its current status at any point (2).

- When the evaluation ends you may click on the blue button to visualize evaluation statistics (3).



EVALUATION RESULT VIEW

- This is an example of the general view of relation performance report.
- Typically, this report details performance in terms of F-score, precision, and recall (micro- and macro-averaged), and lists top false positives and negatives (by type and document).



FINAL TASK SUBMISSION

From all the uploaded relation files you can choose the final task submissions:

- in the repository panel, switch the submit task button (slide the button to the right) of the file;
- BARR tasks allow a maximum of 5 relation file submissions per participant.

The screenshot shows a web interface with two tabs: "Entity evaluation" and "Relation evaluation". The "Relation evaluation" tab is active. Below the tabs is a header "Your relation files repository". A table lists files, with one file "BARR_sample_relations" highlighted. The file's details include a checkbox, a toggle switch, the filename "BARR_sample_relations", the date "2017-05-12 13:12:14", and the size "7.63 KB". A yellow box highlights the "Final task submission?" toggle switch, which is currently off. To the right of the toggle are icons for download and delete. Below the table are three buttons: "Add files...", "Download all", and "Delete selected". On the right side, there are two bullet points: "The maximum file size for uploads is 80MB." and "You can drag & drop files from your desktop into this webpage". Below these is a "Replace uploaded files" toggle switch, which is currently off.

File Name	Date	Size	Final task submission?
BARR_sample_relations	2017-05-12 13:12:14	7.63 KB	<input type="checkbox"/>

Final task submission?

- The maximum file size for uploads is **80MB**.
- You can **drag & drop** files from your desktop into this webpage

Replace uploaded files

CONTACT US

- All resources are available at <http://www.markyt.org/mmes/pages/resources>
- Contact us by clicking on the button on your account menu or the link at the bottom of the page.
- Help us make Markyt Evaluation functionalities as useful and intuitive as possible!

