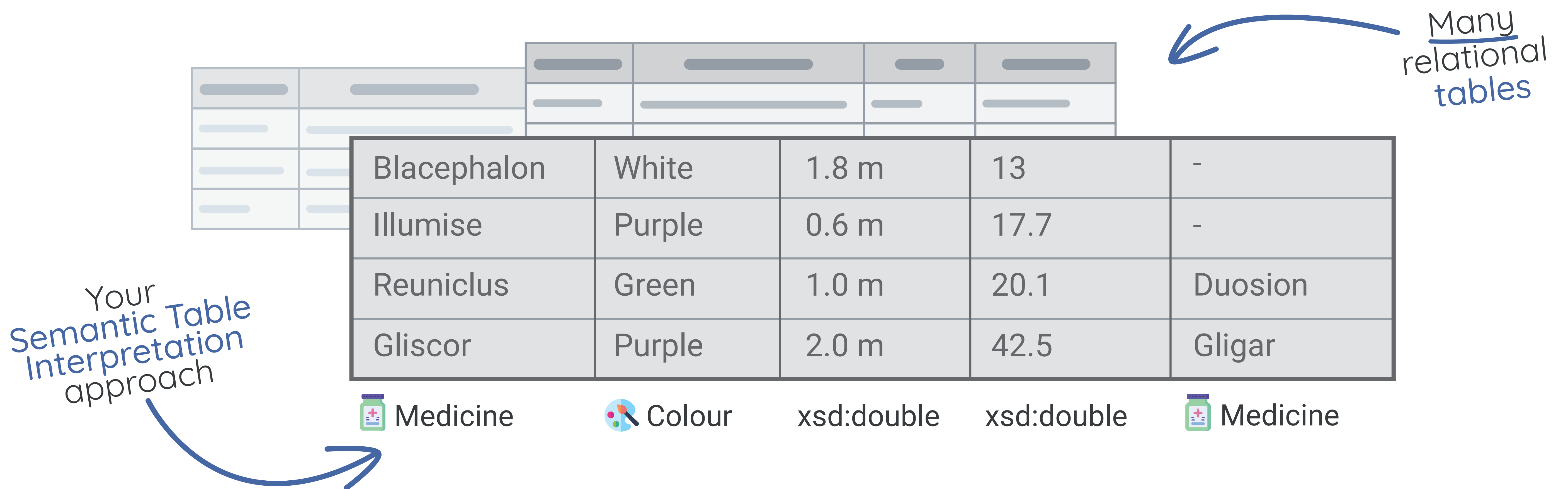


STILTTool



a Semantic Table Interpretation evaluation Tool

Marco Cremaschi, Alessandra Siano, Roberto Avogadro, Ernesto Jimenez-Ruiz, and Andrea Maurino
marco.cremaschi@unimib.it



Are the results of the approach **correct**?
How to **evaluate the quality** of hundreds of annotations?

1 Upload a **Gold Standard** to compare your annotations

ST demo -

ADD A NEW GOLD STANDARD

Availability ☐ public ☐ private Mode ☐ info ☐ score

Gold Standard name

CTA annotations

Drag & Drop your file or Browse

Format: 'table id', 'column id', 'perfect annotation', 'ok annotations (optional)'

CPA annotations

Drag & Drop your file or Browse

Format: 'table id', 'head column id', 'tail column id', 'annotation'

CEA annotations

Drag & Drop your file or Browse

HOW TO FORMAT YOUR FILE

Your file should be formatted as follows:

CTA Annotations
Each line of the submission file should include 'table id', 'column id', one 'KB perfect class', (eventually) 'KB OK classes'.

Examples:
"9206866_1_8114610355671172497";"http://dbpedia.org/ontology/Country"
"9206866_1_8114610355671172497";"http://dbpedia.org/ontology/Country";"http://dbpedia.org/ontology/Location"

CPA Annotations
Each line of the submission file should include 'table id', 'head column id', 'tail column id', 'KB property'.

Example:
"50245608_0_871275842592178099";"http://dbpedia.org/ontology/releaseDate"

CEA Annotations
Each line should include 'table id', 'column id', 'row id' and 'KB entity'.

Example:
"9206866_1_8114610355671172497";"http://dbpedia.org/resource/Norway"

2 Upload your **annotations** in CSV format

ST demo -

UPLOAD YOUR ANNOTATIONS

Choose a Gold Standard *

Select a task *

☐ CTA: Columns-Type Annotation
☐ CPA: Columns-Property Annotation
☐ CEA: Cell-Entity Annotation

Choose your annotations file *

Drag & Drop your file or Browse

SUBMIT

HOW TO FORMAT YOUR FILE

Your file should be formatted as follows:

CTA task
Each line of the submission file should include 'table id', 'column id' and one or more 'KB classes'.

Examples:
"9206866_1_8114610355671172497";"http://dbpedia.org/ontology/Country"
"9206866_1_8114610355671172497";"http://dbpedia.org/ontology/Country";"http://dbpedia.org/ontology/Location"

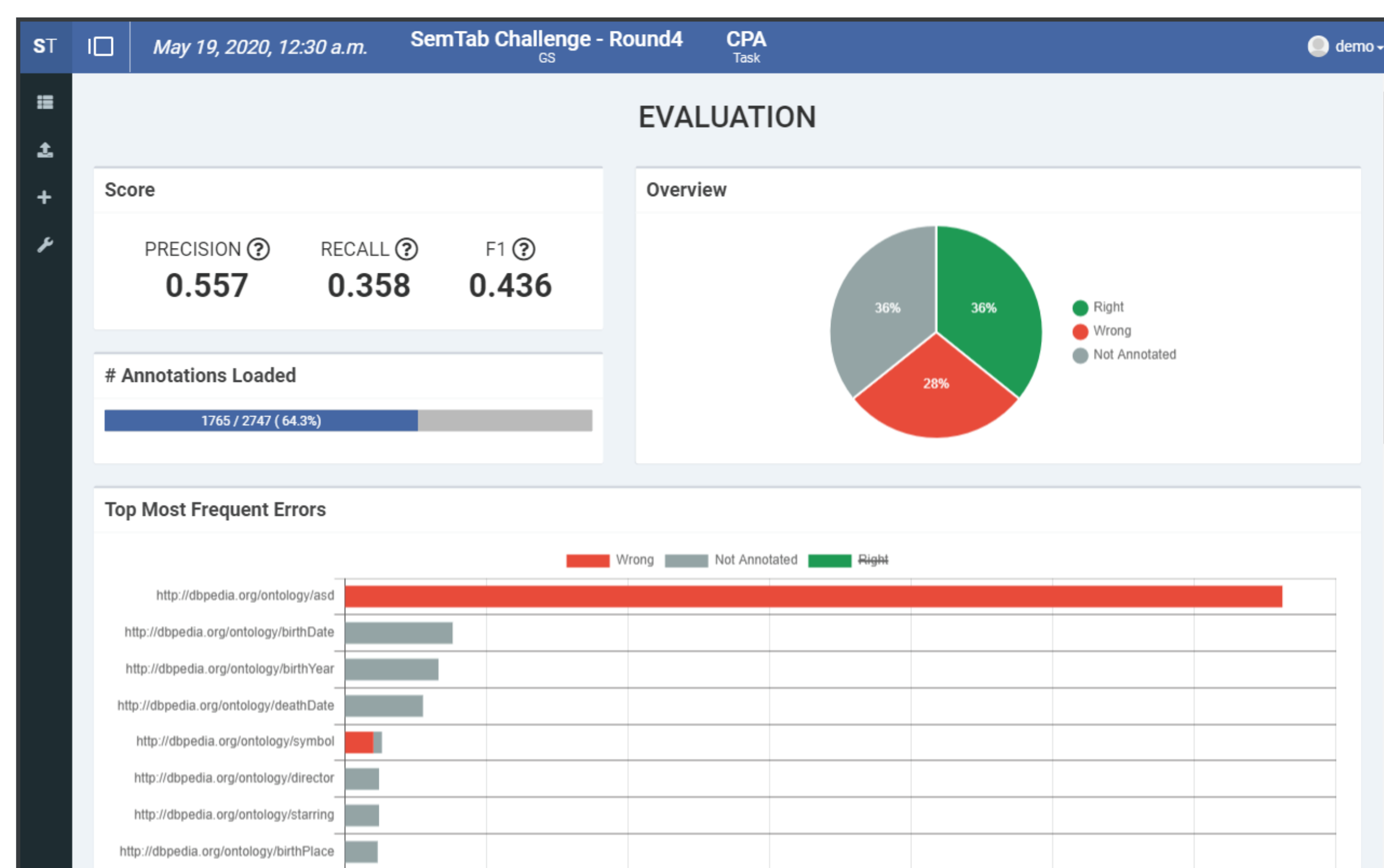
CPA task
Each line of the submission file should include 'table id', 'head column id', 'tail column id', and 'KB property'.

Example:
"50245608_0_871275842592178099";"http://dbpedia.org/ontology/releaseDate"

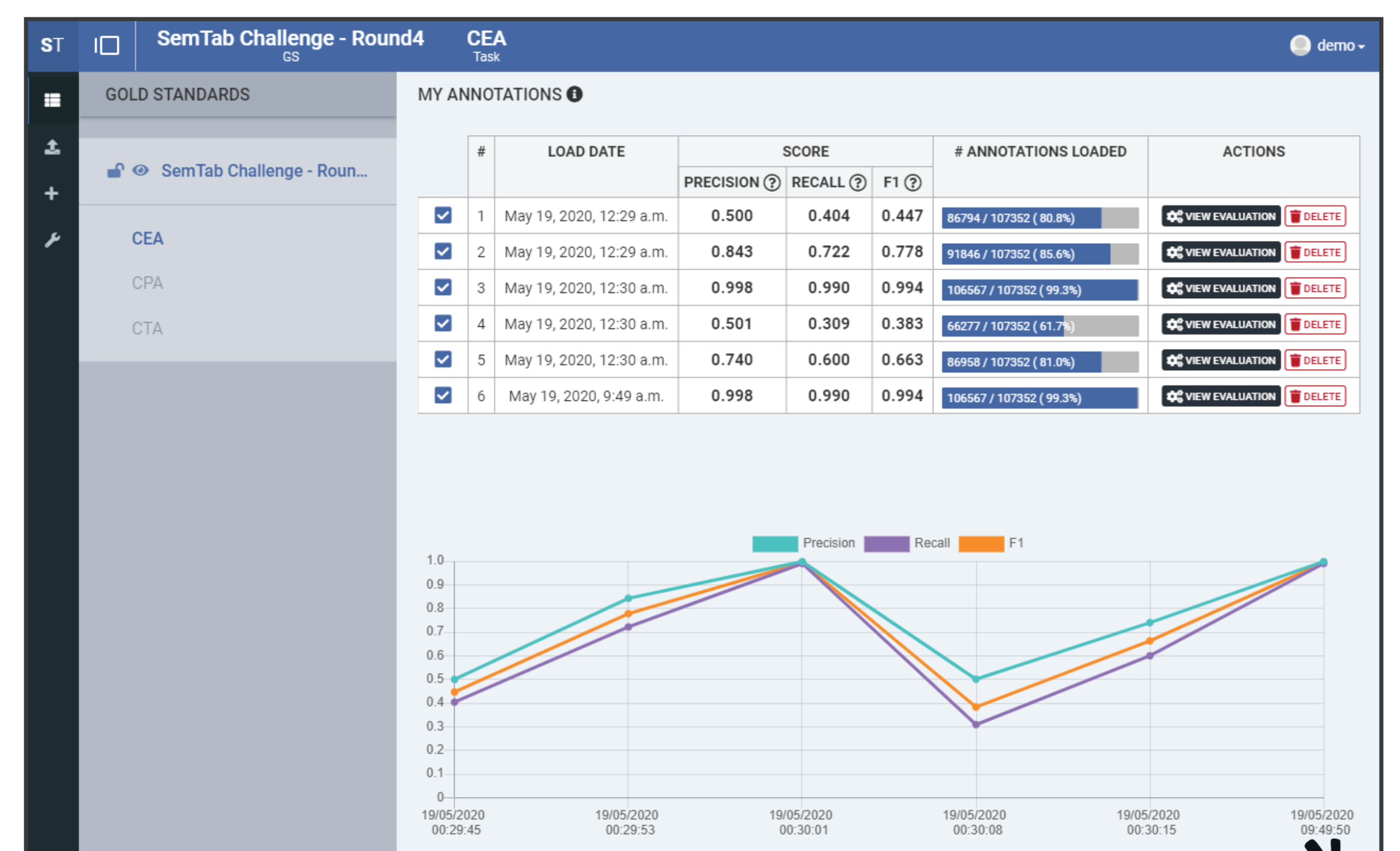
CEA task
Each line should include 'table id', 'column id', 'row id' and 'KB entity'.

Example:
"9206866_1_8114610355671172497";"http://dbpedia.org/resource/Norway"

3 Analyse the evaluation result and identify the **most common error patterns**



4 Compare your **performance over time**



In case you are wondering, the annotations in the example are wrong. They are **Pokémon**!

