#### NLP14: An Evaluation View for a Semi-Automated Text Annotation Tool

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Key Competences in Computer Science Final-Presentation

#### Outline

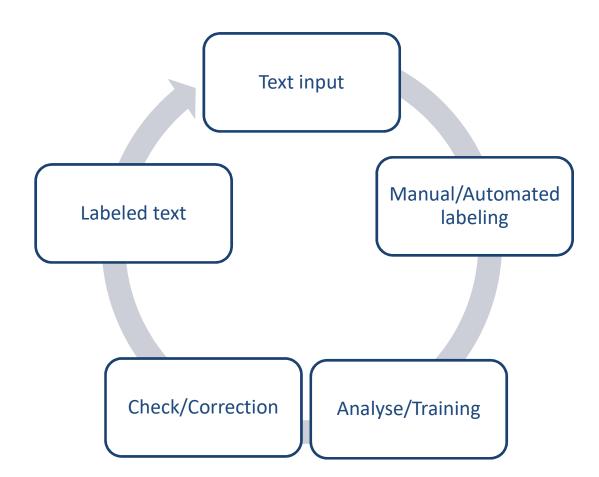
Project recap

Key aspects and problems

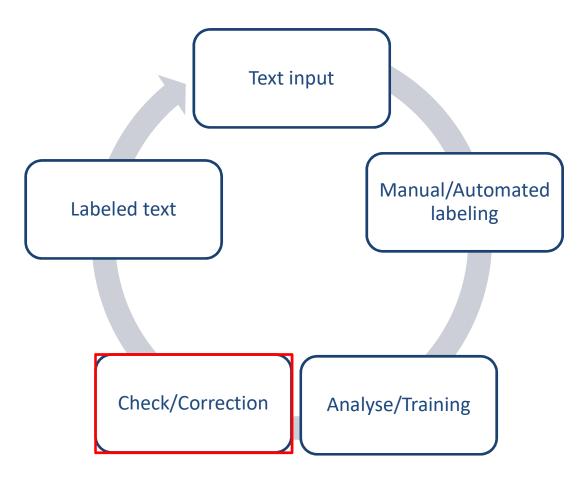
Final result

Evaluation

## Project recap



# Project recap



Semi-Automated Text Annotation Tool

Getting pre labeled data from the Al

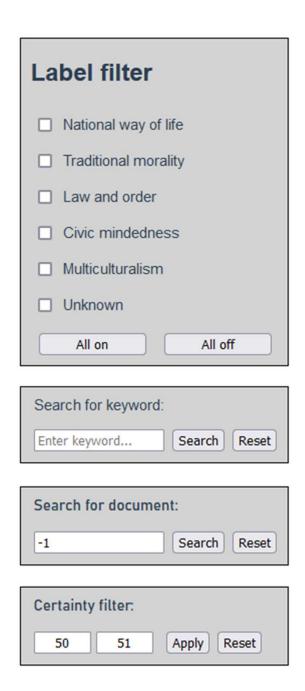
["National way of life", "Traditional morality", "Law and order", "Civic mindedness", "Multiculturalism"]

```
"O_O":
{"text": " FOR THE COMMON GOOD This is the manifesto of the Green Party of England and Wales.",
"correct_labels": [0, 0, 0, 0, 0],
"logits": [0.33273453850460355, 0.15300497052962525,
0.5488117758878551, 0.1052410061010296,
0.6937513102379289],
"predictions": [0, 0, 1, 0, 1],
"doc_id": 0,
"is_training": 1}
```

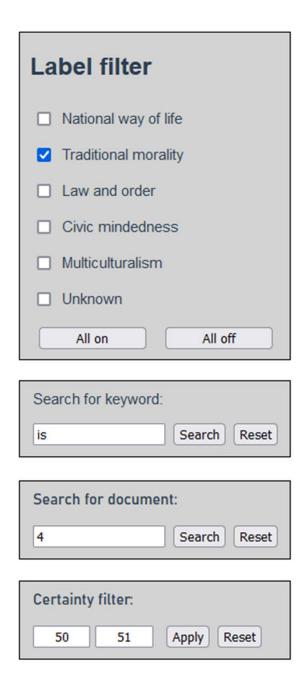
Getting pre labeled data from the Al

```
🗜.5488117758878551, 0.1052410061010296, 0.6937513102379289], "predictions": [0, 0, 1, 0, 1], "doc_id": 0, "is_training": 1}, "0_1": {"text": "It covers England and Wales, not the
s[0, 0, 0, 0, 0], "logits": [0.6923238072758962, 0.2551800884454547, 0.3541234062808928, 0.4397963820842751, 0.5981947030591761], "predictions": [1, 0, 0, 0, 1], "doc_id": 0, "is_t
```

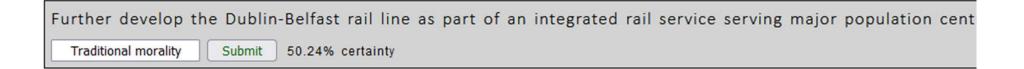
 Showing them with filter options



 Showing them with filter options



The possibility to correct wrong labels



Enquiries relating to the content of and the copyright in this document should be sent to: The Press Office The Leonard Street Britain has the wealth and resources to do great things.
Enter Label Submit 0% certainty
Enquiries relating to the content of and the copyright in this document should be sent to: The Press Office The Leonard Street Britain has the wealth and resources to do great things.
National way of life Submit 100% certainty

Exporting final data



#### **Exported data format:**

```
{"index":"0_4","text":"Enquiries relating to the content ... ",
"label":"National way of life","percentage":100,"labelPos":-1,"docNumber":0}
```

#### **Problems**

New coding language

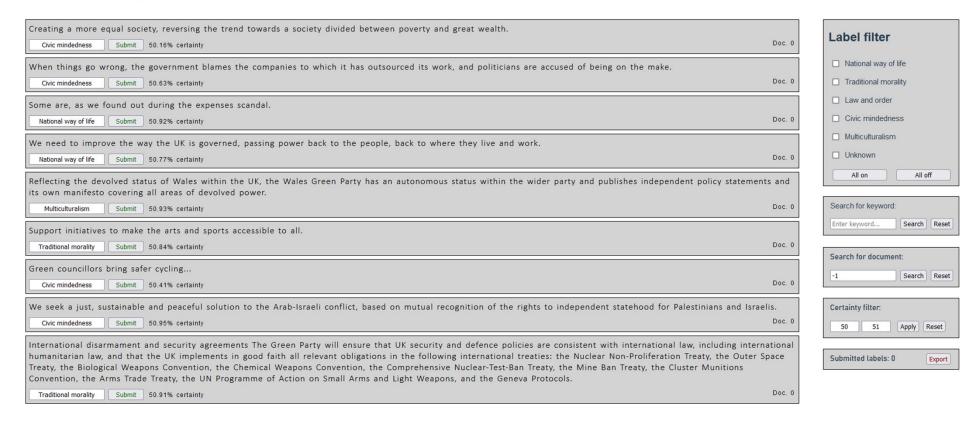
Performance

Time Management

Backups

#### Demo

#### TextAnnotationTool V1.0



#### **Evaluation**

Performance

Design

• Filter

To much scrolling



# Thanks for listening!

Are there any questions?