PROJECT MODULE REPORT: ARGUMENTATION MINING

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Abstract

Maybe just short description of the task and results here

1 Data & Task

We worked with the arg-microtext corpus [1], which contains 112 short argumentative texts (originally in German and profesionally translated to English). Later we received preliminary annotations of the new microtexts and could incorporate them into the project.

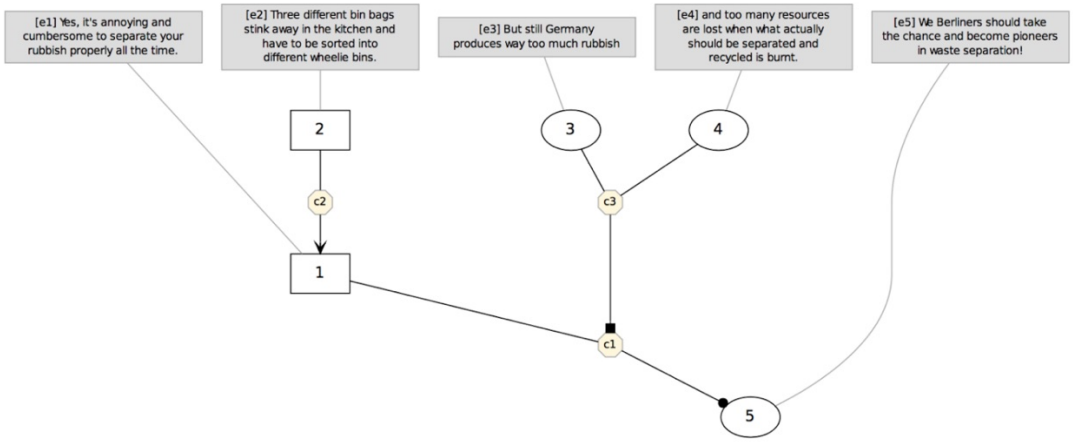

Figure 1: One example from arg-microtext corpus and its argumentation graph.
Round nodes are proponent's nodes, square ones are opponent's nodes. The arcs connecting the nodes represent different supporting and attacking moves.

As can be seen in the figure 1, each text in the corpus is a single tree and argument components (ACs) are claims and premises. We decided to concentrate on two tasks: classify the type of an AC (claim or premise), and determining the links between ACs.

2 Approach

Here we could try describing the workflow

2.1 Challenges

encountered difficulties and how they were solved

3 Results

Here go the final results

4 Conclusion

like future work ideas?

References

[1] Andreas Peldszus and Manfred Stede. An annotated corpus of argumentative microtexts. In *Proceedings of the First Conference on Argumentation, Lisbon, Portugal*, June 2015.

[2] Peter Potash, Alexey Romanov, and Anna Rumshisky. Here's my point: Joint pointer architecture for argument mining. In *Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing*, pages 1364–1373, 2017.