

Discussion

Ali Basirat

2019/05/15

Paper

Learning Accurate, Compact, and Interpretable Tree Annotation

Slav Petrov, Leon Barret, Romain Thibaux, Dan Klein

University of California at Berkley

Proceeding of 21st international conference on computational linguistics and 44th annual meeting of the ACL (2006)

Plan

Activity	Inside Discussion	Outside Discussion
General Questions	5	10
Technical Questions	5	10
Your questions	5	15
Your suggestions	5	5

General questions

1. Did you find the paper interesting?
2. Did you find the paper easy to understand?
3. What aspects of the paper were more difficult to understand?
4. To what extent the course make you ready to understand the paper?
5. Which parts of the paper where completely new to you?
6. What are the important contributions of the paper?
7. What is the most important contribution of the paper?
8. What are the interesting points of the paper?
9. What parts of the paper where unclear to you?
10. To what extent did you need to refer to other references?

Technical questions

1. Why a naïve PCFG does not perform well?
2. What solution does the paper suggest to improve a naïve PCFG?
3. What does the learning algorithm learn?
4. What is the goal of the EM algorithm?
5. What are the expectation and maximization steps?
6. What makes initialization important in the EM algorithm?
7. Can you provide an intuitive explanation for the inside and outside probabilities?
8. What solutions are suggested to avoid overfitting?

Your questions

- Now, you have time to raise questions to be discussed. Each group should have at least one important question.

Suggestions

- How do you think this research can be improved?
- Is there any specific part that can be studied in a more careful way?
- Do you suggest this paper?