

Discussion

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Paper

A fast and accurate dependency parser using neural networks

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Plan

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

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. How the problems with sparsity, incompleteness, and expensive feature computations are addressed?
2. What are the inputs and outputs of the neural network?
3. How POS embeddings are computed?
4. Why a cube activation is selected?
5. How the speed of parsing is increased?
6. What is greedy decoding in parsing?
7. Where pre-trained word embeddings are used?
8. What is the most effective component of the neural network architecture?

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?