

CS 187 - Dependency Parsing

Phase 4: Final Paper Draft

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Abstract

The abstract ...

1 Introduction

- Motivation
- What we did and why we think it is important
- Statement of key result

2 Statement of the problem

- Further discussion about why we care...

3 Description of the method

3.1 Description of SVMs

3.2 Description of dependency parsing

3.3 Description of code

4 Results

4.1 Description of data

4.2 Results

| Dependency Accuracy | Root Accuracy | Complete Rate |
|---------------------|---------------|---------------|
| 0.89135 | 0.93675 | 0.32711 |

| Dependency Accuracy | Root Accuracy | Complete Rate |
|---------------------|---------------|---------------|
| 0.88680 | 0.93894 | 0.32285 |

| | (2,2) | (2,3) | (2,4) | (2,5) | (3,2) | (3,3) | (3,4) | (3,5) |
|------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Dep. Acc. | 0.891 | 0.890 | 0.890 | 0.889 | 0.887 | 0.887 | 0.887 | 0.887 |
| Root Acc. | 0.937 | 0.928 | 0.934 | 0.930 | 0.932 | 0.929 | 0.928 | 0.927 |
| Comp. Rate | 0.327 | 0.330 | 0.325 | 0.326 | 0.312 | 0.318 | 0.316 | 0.317 |

5 Conclusion

- Summarize how well we were able to replicate the paper
- Ideas for improving their method?