



HPUBeamerTemplate

——Modified by MengZhao

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Outline

Outline

Introduction

Photo

Conclusion

References



Backgrounds

- 11111111111111
- 22222222222222
- 33333333333333
- 44444444444444



My Photo



图: hahahaha...

Emmm...

Sequence Tagging Loss

$$\mathcal{L}_p = - \sum_{i=1}^S \sum_{j=1}^N p_{i,j} \log(\hat{p}_{i,j})$$


Language Classifier Loss


$$\mathcal{L}_a = - \sum_{i=1}^S l_i \log(\hat{l}_i)$$

Bidirectional Language Model Loss

$$\mathcal{L}_l = - \sum_{i=1}^S \sum_{j=1}^N \log(P(w_{j+1}|f_j)) + \log(P(w_{j-1}|b_j))$$

References

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- Xuezhe Ma and Eduard Hovy. (2016).
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- End-to-end Sequence Labeling via Bi-directional LSTM-CNNs-CRF.**
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- Marek Rei. (2017).
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- Semi-supervised Multitask Learning for Sequence Labeling.**
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