LSTM for Sentiment Analysis on Twitter

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Abstract

abstract goes here

1 Introduction

We use LSTM [1] to do stuff

2 Related Work

Dynamic convolutional neural net for sentences [2]

sentiment specific word embeddings [3]

character-lvl CNN for text classification [4]

3 Model

4 Experiments

See Table 1 for awesome results

Table 1: Sample table title

PART	DESCRIPTION
Dendrite	Input terminal
Axon	Output terminal
Soma	Cell body (contains cell nucleus)

This is a figure:

5 Conclusion

Acknowledgments

References

References

[1] Sepp Hochreiter and Jürgen Schmidhuber. Long short-term memory. *Neural computation*, 9(8):1735–1780, 1997.

[2] Nal Kalchbrenner, Edward Grefenstette, and Phil Blunsom. A convolutional neural network for modelling sentences. *arXiv preprint arXiv:1404.2188*, 2014.

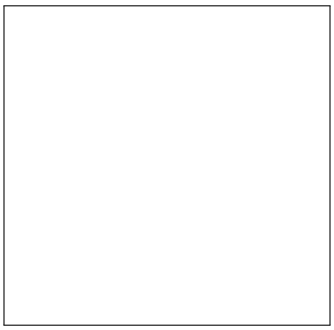

Figure 1: Sample figure caption.

[3] Duyu Tang, Furu Wei, Nan Yang, Ming Zhou, Ting Liu, and Bing Qin. Learning sentiment-specific word embedding for twitter sentiment classification. In *Proceedings of the 52nd Annual Meeting of the Association for Computational Linguistics*, volume 1, pages 1555–1565, 2014.

[4] Xiang Zhang, Junbo Zhao, and Yann LeCun. Character-level convolutional networks for text classification. In *Advances in Neural Information Processing Systems*, pages 649–657, 2015.