CSE 517: Project Proposal

Deric Pang   **Joshua Bean**
Paul G. Allen School of Computer Science & Engineering
University of Washington
Seattle, WA, USA
{dericp, jbean96}@cs.washington.edu

Abstract

Abstract.

1 Introduction

We propose improving natural language inference models by incorporating syntactic or contextual features into existing models. At its time of publication, the well-known decomposable attention neural network by Parikh et al. (2016) obtained state of the art results on the SNLI dataset (Bowman et al. 2015) while using drastically fewer parameters than previous NLI models. We want to extend this model and evaluate it on SNLI (Bowman et al. 2015), SNLI hard (Gururangan et al. 2018), MultiNLI (Williams et al. 2017), MultiNLI hard (Gururangan et al. 2018), and possibly even domain specific datasets like Scitail (Khot et al. 2018).

References

Ankur P Parikh, Oscar Täckström, Dipanjan Das, and Jakob Uszkoreit. 2016. A decomposable attention model for natural language inference. *arXiv preprint arXiv:1606.01933*.