



THE UNIVERSITY OF
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Department of Statistics

MASTER'S THESIS PRESENTATION

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Hierarchical Attention Network

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ABSTRACT

This paper empirically explores the hierarchical attention network for sentiment analysis. We conduct experiments to show that the network is capable of learning from context, and that it does so by encoding the contextual information and thereby augmenting the embedding word vectors. Through the experiments we also show that the hierarchical attention network is not only capable of taking advantage of the hierarchical structure of documents at paragraph versus sentence level, but that it also can learn local contextual information of different phrases differentially within each sentence.