NLP
Deep Learning

Neural Summarization
Attention-Based Summarization

Figure 1: Example output of the attention-based summarization (ABS) system. The heatmap represents a soft alignment between the input (right) and the generated summary (top). The columns represent the distribution over the input after generating each word.

Figure 4: Example sentence summaries produced on Gigaword. I is the input, A is ABS, and G is the true headline.

[Rush, Chopra, Weston 2015]
Extracting Sentences and Words

Figure 2: A recurrent convolutional document reader with a neural sentence extractor.

Figure 3: Neural attention mechanism for word extraction.

[Cheng and Lapata 2016]
NLP