

ABSTRACT

Disclosed are an automatic text summarization method, apparatus, computer device and storage medium. The method includes: obtaining a character of a target text sequentially and decoding the character according to a first-layer LSTM structure sequentially inputted into a LSTM model to obtain a sequence composed of hidden states; inputting the sequence composed of hidden states into a second-layer LSTM structure of the LSTM model and decoding such sequence to obtain a word sequence of a summary; inputting the word sequence into the first-layer LSTM structure and encoding the word sequence to obtain an updated sequence composed of hidden states; obtaining a context vector according to a contribution value of a decoder hidden state in the updated sequence composed of hidden states and obtaining a probability distribution of the corresponding words, and using the most probable word as the summary of the target text. After the method encodes/decodes a target text by LSTM, a context variable is combined to obtain the summary of the target text by a generalization method, so as to improve the accuracy.

<Figure 1>