

ABSTRACT

The present disclosure provides a method, a device, a storage medium, and a computing device for segmenting words in the Chinese language based on deep learning, which relate to a technology field of artificial intelligence. The method includes: converting training corpus data into character-level data; converting the character-level data into sequence data; dividing the sequence data according to preset symbols to obtain a plurality of subsequence data, grouping the plurality of subsequence data according to lengths of the subsequence data to obtain K data sets; obtaining K temporal convolutional network-conditional random field models according to the K data sets; inputting processed target corpus data into at least one of the K trained temporal convolutional network-conditional random field models and obtaining a word segmentation result of a target corpus data. An accuracy of Chinese word segmentation is improved beyond the current accuracy.