

System For Determining Accuracy Of Matching A Subject Text Passage To A Reference Text Passage and Method Thereof

Abstract

A system for determining the accuracy of matching a subject text passage to a reference text passage, the system includes a retrieving module configured to retrieve the reference text passage, a determining module configured to determine a plurality of sub-reference text passages from the reference text passage, a conversion module configured to convert the plurality of sub-reference text passages into a plurality of vector representations, a receiving module configured to receive the subject text passage, wherein the conversion module is configured to convert the subject text into a vector representation, a processing module configured to compare each of the plurality of vector representations with the vector representation and generate an accuracy value for the comparison between each of the plurality of vector representations and the vector representation, such that the processing module is configured to determine an accuracy threshold value for determining the accuracy of each of the plurality of the vector representations and the vector representation, and assign an accuracy score for each accuracy value higher than the accuracy threshold value, such that the accuracy of the subject text passage to the reference text passage is based on the sum of the accuracy scores, and a method thereof.

Fig. 1