

**SENTENCE DISTANCE MAPPING METHOD AND APPARATUS BASED ON
MACHINE LEARNING AND COMPUTER DEVICE**

ABSTRACT

5 The present application discloses a sentence distance mapping method and apparatus based
on machine learning, a computer device, and a storage medium. The method includes: acquiring
input single-sentence speech information; converting the single-sentence speech information into
single-sentence text information; preprocessing the single-sentence text information, and
querying a preset word vector library to obtain a word vector corresponding to each word in the
10 preprocessed single-sentence text information; calculating a distance between the single-sentence
text information and a preset standard single sentence by using a preset algorithm based on the
word vector corresponding to each word in the single-sentence text information; and inputting
the distance into a preset function and obtaining a score through mapping, where the preset
function is obtained by performing training on training data. Therefore, a similarity between
15 sentences is accurately calculated, and the method has more accurate and more visual technical
effects.

Fig.1 accompanies abstract