

ABSTRACT

A translation quality evaluation device according to an embodiment of the present invention includes a communication module, a memory storing a translation quality evaluation program, and a processor configured to execute the translation quality evaluation program, wherein the translation quality evaluation program receives an original text written in a first language and a translated text written in a second language, generates a back-translated text written in the first language by performing machine translation on the translated text into the first language, and calculates a translation quality score by inputting, to a score prediction model, a first cosine similarity between the original text and the translated text and a second cosine similarity between the original text and the back-translated text calculated based on a corpus including the original text, the translated text, and the back-translated text.