

ARTIFICIAL INTELLIGENCE-BASED MEDICATION RECOMMENDATION METHOD AND APPARATUS, DEVICE, AND STORAGE MEDIUM

ABSTRACT

An AI-based medication recommendation method and apparatus, a device, and a storage medium are provided in implementations of the disclosure. The method includes the following. A medication recommendation request is obtained, where the medication recommendation request includes a disease type, current disease data, and user profile data (S201). A target medication recommendation models is obtained according to target analysis results of original medication recommendation models corresponding to the disease type (S202). The current disease data is analyzed by using the target medication recommendation model, to determine an original recommendation medication (S203). Feature analysis is performed on each original recommendation medication, to obtain feature analysis values of features to-be-analyzed (S204). A recommendation propensity type is determined based on the user profile data, and feature weights of the features to-be-analyzed are obtained according to the recommendation propensity type (S205). A recommendation evaluation value of the at least two original recommendation medications is obtained based on the feature analysis values and the feature weights of the features to-be-analyzed, and an original recommendation medication with a largest recommendation evaluation value is determined as a target recommendation medication (S206). The method can effectively improve the effectiveness and pertinence of intelligent medication recommendation.

Figure 2