

BIOLOGICAL FEATURE EXTRACTION METHOD AND APPARATUS

ABSTRACT

The embodiments of the present application relate to the technical field of artificial intelligence. Provided are a biological feature extraction method and apparatus. Fragmentation processing is performed on a biological feature extraction model to obtain a plurality of feature extraction model fragments, and the plurality of feature extraction model fragments are respectively deployed in different nodes, thereby ensuring that model parameters are not leaked. Moreover, fragmentation processing is performed on target biological information to obtain a plurality of biological information fragments; then, the plurality of biological information fragments are distributed to different nodes; and each node jointly performs feature extraction on the biological information fragments on the basis of its own locally deployed feature extraction model fragment and the feature extraction model fragments deployed in the other nodes, so as to obtain a biological feature vector fragment, such that the problem of a whole biological feature vector being obtained by means of calculation by a single device and being stored in a single environment is solved, thereby improving the security of biological feature extraction. In addition, the present application provides a universal calculation solution, which is applicable to various scenarios and has strong universality.

Fig. 2