

ABSTRACT

Disclosed are an intelligent data analysis method, a device, a computer device and a storage medium. The intelligent data analysis method includes: taking the obtained public opinion factor and the public opinion index with the time label as first portrait data; obtaining original sample data based on the first portrait data and the medical data; cleaning the original sample data to obtain sample data to be processed; performing lag processing on the sample data to be processed to obtain lagged sample data; performing feature expansion processing on the lagged sample data to obtain target sample data; using an improved multi-granularity cascaded random forest algorithm to train the target sample data to obtain a target prediction model; wherein the improved multi-granularity cascaded random forest algorithm comprises a pooling layer that is used to retain data characteristics. The intelligent data analysis method can effectively improve the prediction accuracy and training efficiency of the model.

<FIGURE 2>