

ABSTRACT

A machine learning based method and device for infant development prediction, a storage medium, and an electronic device are provided, belong to the technical field of computer programs. The method includes the following. Data of a single limb-movement and corresponding month age data of a sample to-be-tested are acquired. The data of the single limb-movement of the sample to-be-tested is processed, to obtain a feature value of the single limb-movement of the sample to-be-tested corresponding to the month age data. A preset number of feature values of single limb-movements of the sample to-be-tested and corresponding month age data are input into a mathematical model of a stacked extreme learning machine, to perform a logical operation. An output result of the logical operation of the stacked extreme learning machine is used as a basis for “normal development” or “developmental retardation” of the sample to-be-tested, to obtain a prediction result of infant development. The device, the storage medium, and the electronic device are configured to implement the method. The method, the device, the storage medium, and the electronic device can predict development of an infant, to further get a possibility of developmental retardation of the infant. In this way, a reliable basis can be provided for early intervention on developmental retardation of infants.

FIG. 2