ABSTRACT

A neural network model training method and apparatus, a computer device, and a storage medium, for use in selecting a targeted training sample and improving the targeted property and training efficiency of model training. The method partially comprises: obtaining a model prediction value of each reference sample in all reference samples according to a trained deep neural network model, calculating a difference measurement index between the model prediction value of each reference sample and a real annotation corresponding to each reference sample, and taking a target reference sample of which the difference measurement index is lower than or equal to a preset threshold value in all the reference samples as a comparison sample; taking the training sample of which a similarity with the comparison sample meets a preset amplification condition as a sample to be amplified; and performing data amplification on the sample to be amplified to obtain a target training sample as a training sample in a training set, so as to training the trained deep neural network model until the model prediction values of all verification samples in a verification set meet a preset training ending condition.

<FIGURE 2>