

Abstract

A neural network model adjustment system, method and device are provided. In the method, in a first aspect, a server (100) adjusts a generalized model based on sample images sent by clients (200), wherein each of the clients (200) respectively corresponds to a different scenario.

5 That is, the server (100) adjusts the generalized model based on multi-scenario images. Therefore, the generalized model can adapt to a plurality of scenarios, which increases the generalized model's output accuracy in different scenarios. In a second aspect, the clients (200) adjust the generalized model using private sample images for their own scenarios to obtain a data processing model. The data processing model can have both generalizability of adapting to a
10 plurality of scenarios, and stronger adaptability to a specific scenario. In other words, the data processing model has both versatility and specificity, which increases the data processing model's output accuracy in different scenarios.

<Fig. 2a>