

ABSTRACT

Disclosed in embodiments of the present disclosure are semantic segmentation model training methods and apparatuses, electronic devices, and storage media. The method includes: performing, by a semantic segmentation model, image semantic segmentation on at least one unlabeled image to obtain a preliminary semantic segmentation result as the category of the unlabeled image; obtaining, by a convolutional neural network based on the category of the at least one unlabeled image and the category of at least one labeled image, sub-images respectively corresponding to the at least two images and features corresponding to the sub-images, where the at least two images comprise the at least one unlabeled image and the at least one labeled image, and the at least two sub-images carry the categories of the corresponding images; and training the semantic segmentation model on the basis of the categories of the at least two sub-images and feature distances between the at least two sub-images. The semantic segmentation model obtained by training in the embodiments of the present disclosure can achieve higher accuracy in semantic segmentation.

[Figure 1]