Deep Learning in Medical Image Analysis

HW3

Due: 2022/05/03

You have implemented two neural networks (fully connected network and CNN). In previous exercises, Adam algorithm was used as the optimizer for model fitting (i.e., the training phase). There are several optimizers provided by keras:

- SGD
- RMSprop
- Adam
- Adadelta
- Adagrad
- Adamax
- Nadam
- Ftrl

Please try different two optimizers for each network other than Adam. That is, you need to try two new algorithms for FCN and two new one for CNN. There 4 optimizers in total that you have to try in this project. Please compare the accuracy.