

RU-Net User Guide

1. Folder

/Ubuntu_DL

|---

data.py

Create images' .npy array for training.

|---**main_net.py**

Main program for training and testing, which uses .npy to train and then create the pred folder.

2. Folder structure

Main/

|---- data.py

|---- main_net.py

|---- raw/

 |---- ()_train/

 | |---- img/

 | |---- mask/

 |---- ()_test/

 | |---- img/

 |

 |---- data/

 |---- ()_pred

()_pred stores the predicted results, which is automatically generated.

3. Parameter description

main_net.py:

batch_size : batch size, default 8

epochs : epochs, default 100

seed : random seed, default 7

expand_times : expand times, default 10

4. How to use

cmd: python data.py brain python main_net.py brain