Subject: Path and usage
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Date: 11/09/18 18:46
To: fumie costen <fumie.costen@gmail.com>

Hi Fumie,

This is my personal email since I do not know how long I can keep the university email address. The path and usage are as follow:

Preprocessing:
The code for pre-processing is in the file /home/chao/3dcnn/preprocess.py. The basic usage is `python3 preprocess.py nthreads fileFolderPath ROImaskFilename OutputDir`.

Example: `python3 preprocess.py 2 /media/chao/claudiolocal/ADNI_Screening/ /media/chao/claudiolocal /sys/AtlasROIMask/harvardoxford_prob_Hippo_Amyg_Thal_Puta_Pall_Caud_MTL_ROI_Mask_1mm_test.nii.gz /media/chao/claudiolocal/sys/output/o10/`
The output folder '/media/chao/claudiolocal/sys/output/o10/OutputFiles/04_ROI' will contains the extracted ROI image. And I copy all the ROI images to the folder '/media/chao/claudiolocal/3dcnndata /HIPPO_AMYG_THAL_PUTA_PALL_CAUD_MTL_NEW' and use all these images in the classification stage.

Classification:
The path of the script to build neural network is /home/chao/3dcnn/pytorch/torch_cv.py
The basic usage is `python3 torch_cv.py outputFolder MRIdataFolder labelFile`. There are more options for this script, you can find the detail by using command `python3 torch_cv.py -h`
Example: ` python3 torch_cv.py /media/chao/claudiolocal/3dcnndata /media/chao/claudiolocal/3dcnndata /HIPPO_AMYG_THAL_PUTA_PALL_CAUD_MTL_NEW /home/chao/data_3dcnn/data/label_all.txt `

Any issues you found in using these scripts, please send me an email. Thank you very much. All the best.

Best regards,
Chao