## Baseline code 配置和执行

- 1. Co-learning-master 代码 (包含 <mark>co-teaching</mark>、<mark>co-teachingplus</mark>、 jocor 3 个方法)
  - (1) 代码来源: https://github.com/chengtan9907/Co-learning
  - (2) 配置 Env: pip install -r requirements.txt
  - (3) 代码适配: 代码中 todo 标注了数据集的路径和模型路径待修改

(4) 执行命令及结果: python main.py

(5) 注意: Co-learning-master/datasets/our\_dataset.py 来自于我们自己项目 tta-mr/core\_model/dataset.py,若我们项目此文件更新了,需要重新 copy 此文件

## 2. <mark>cotta</mark>-main 代码

(1) 代码来源: https://github.com/qinenergy/cotta

(2) 配置 Env: pip install -r requirements.txt

(3) 代码适配: 代码中 todo 标注了数据集的路径和模型路径待修改

```
Find Occurrences of todo in Project

7 Targets

6 Occurrences of todo in Project

7 Found Occurrences in Project 3 assusts

8 Usage in comments 3 results

9 October 3 results

10 October 4 results

10 October 4 results

10 October 4 results

10 October 4 results

10 October 5 results

10 October 6 results

10 October 7 results

10 October 9 results
```

(4) 执行命令及结果:

cd cifar

python tta.py --cfg cfgs/cifar10/cotta.yaml

```
batch 148, corrected_num: 41
batch 149, corrected_num: 49
batch 150, corrected_num: 49
batch 151, corrected_num: 45
batch 152, corrected_num: 38
batch 153, corrected_num: 42
batch 154, corrected_num: 48
batch 155, corrected_num: 48
[24/09/27 18:36:59] [tta.py: 106]: error % : 29.19%
batch 156, corrected_num: 11

Process finished with exit code 0
```

(5) 注意: cotta-main/cifar/cfgs/dataset.py 来自于我们自己项目的 tta-mr/configs/dataset.py,若我们项目更新了,需要重新 copy 此文件;
cotta-main/cifar/our\_dataset.py 来自于我们自己项目 tta-mr/core\_model/dataset.py,若我们项目此文件更新了,需要重新 copy 此文件

## 3. PLF-main 代码

- (1) 代码来源: https://paperswithcode.com/paper/less-is-more-pseudo-label-filtering-for
  - (2) 配置 Env: 使用跟 cotta 相同的 env
  - (3) 代码适配: 代码中 todo 标注了数据集的路径和模型路径待修改

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Find Occurrences (Todo)

7 Targets

Q. Occurrences of Todo' in Project

Pound Occurrences in Project 3 results

Very Pound Occurrence in Project 3 results

Very Pound Occurrences in Project 3 results

Very Pound Occurrence in Project 4 results

Very Pound Occurrence in Project 5 results

Very Pound Occurrence in Project 6 results

Very Pound Occurrence in Project 6 results

Very Pound Occurrence in Project 6 results

Very Pound Occurrence
```

## (4) 执行命令及结果:

cd cifar

python run\_plf.py --cfg cfgs/cifar10/plf.yaml

```
batch 147, corrected_num: 40
batch 148, corrected_num: 45
batch 149, corrected_num: 51
batch 150, corrected_num: 47
batch 151, corrected_num: 45
batch 152, corrected_num: 38
batch 153, corrected_num: 44
batch 154, corrected_num: 45
batch 155, corrected_num: 45
batch 156, corrected_num: 11
[24/09/27 18:37:10] [run_plf.py: 105]: error % ]: 30.02%

Process finished with exit code 0
```

(5) 注意: PLF-main/cifar/cfgs/dataset.py 来自于我们自己项目的 tta-mr/configs/dataset.py,若我们项目更新了,需要重新 copy 此文件;

PLF-main/cifar/our dataset.py 来自于我们自己项目 tta-

mr/core\_model/dataset.py,若我们项目此文件更新了,需要重新 copy 此文件