

Data Difficulty Specified Crowdsourcing

statistical learning course project

Required environment:

```
1  cuda >= 8.0
2  python >= 3.6
3  pytorch >= 0.4
4  numpy >= 1.14.3
5  pillow >= 5.1.0
6  scipy >= 1.1.0
```

- To run the experiment of the Gaussian dataset:

```
python3 cotraining_logistic.py --device device_num --expert_num 5 --expertise 1
--case 1 --save s
```

device_num : The GPU number.

s: 1=save the log, 0=unsave the log

- To run the experiment of the Dogs & Cats dataset (structural label):

```
python3 cotraining_logistic.py --device device_num --expert_num 5 --expertise 1
--case 1 --save s --root-dir path
```

device_num : The GPU number.

s: 1=save the log, 0=unsave the log

path : path to the dataset

- To run the experiment of the Dogs & Cats dataset (non-structural label):

```
python3 cotraining_logistic.py --device device_num --expert_num 5 --expertise 1
--case 3 --save s --root-dir path
```

device_num : The GPU number.

s: 1=save the log, 0=unsave the log

path : path to the dataset