

# Academic Dataset: CIFAR10



## Dataset Description

### Task:

- Image Classification

### Training Set:

- 50'000 images
- 10 classes

### Test Set:

- 10'000 images

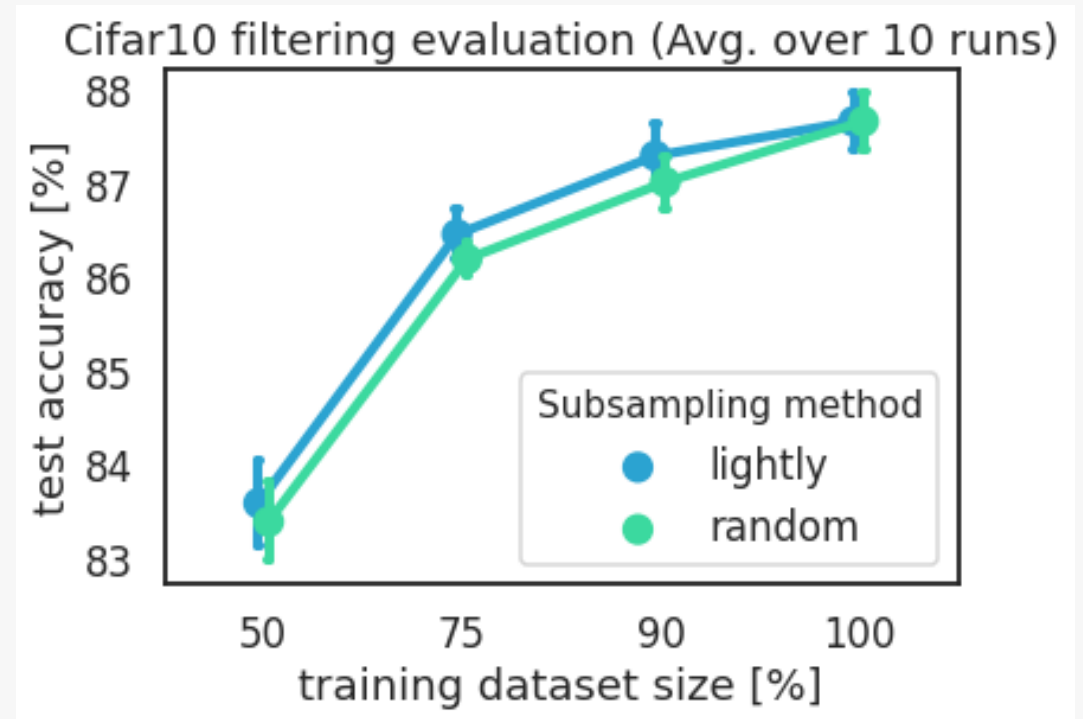
## Evaluation Method

### Experiment:

- Resnet34
- Train for 100 epochs
- SGD, wd=5e-4
- lr=0.1, decay by 10 at epochs 60 and 80

## Results Using Lightly

- We report the best test accuracy (mean + std) over several runs with different random seeds



# Academic Dataset: CamVid



## Dataset Description

### Task:

- Semantic Segmentation

### Training Set:

- 367 images
- 11 classes

### Test Set:

- 101 images

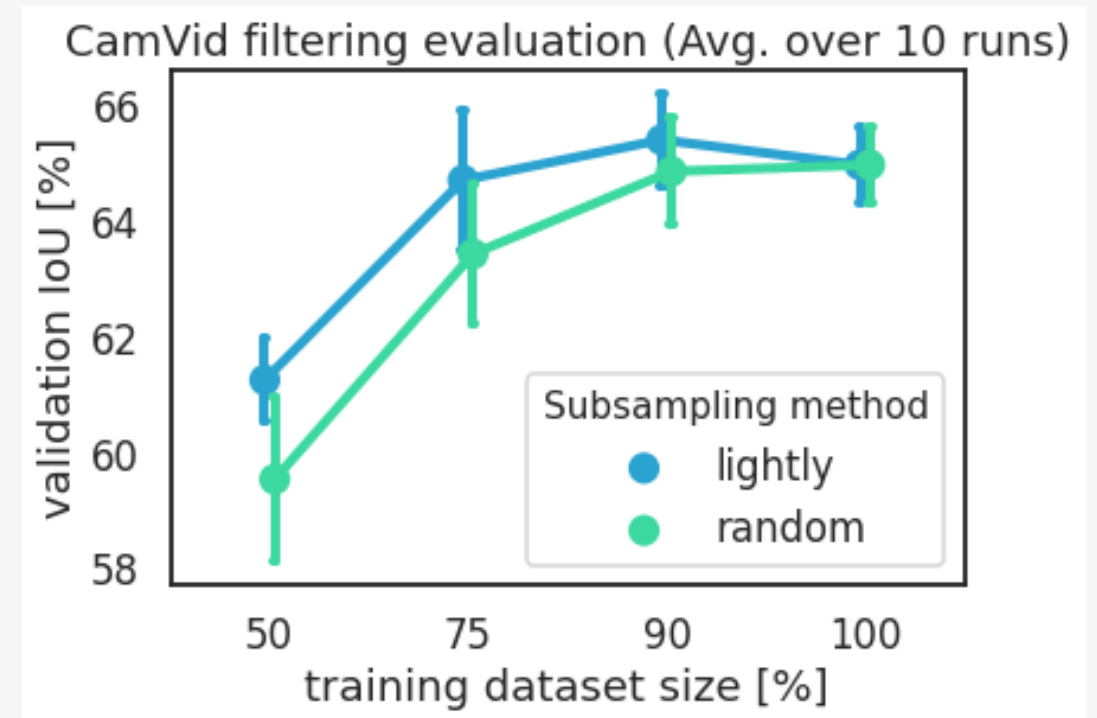
## Evaluation Method

### Experiment:

- E-NET
- Train for 300 epochs
- Code from: <https://github.com/davidtvs/PyTorch-ENet>

## Results Using Lightly

- We report the best validation IoU averaged (mean + std) over several runs with different random seeds



# Academic Dataset: Cityscapes



## Dataset Description

### Task:

- Semantic Segmentation

### Training Set:

- 2975 images
- 19 classes

### Test Set:

- 500 images

## Evaluation Method

### Experiment:

- E-NET
- Train for 300 epochs
- Code from: <https://github.com/davidtvs/PyTorch-ENet>

## Results Using Lightly

- We report the best validation IoU averaged (mean + std) over several runs with different random seeds

Cityscapes filtering evaluation (Avg. over 2 runs)

