

# Week 2

Task: Reproduce the LTH results (Cont.):

- Corrected the pruning eqn and masks
- Added CIFAR10 training results
- Added Random model initialisation and comparisons
- Added Early Stopping

Issues:

- None for this week
- Consider using PyTorch Lightning.

Run commands:

```
python run_prune_net.py --batch-size 128 --epochs 25 --lr 0.005 --pruning-rate 20 --pruning-levels 25 --early-stop True --dataset cifar10
```

```
python run_prune_net.py --batch-size 128 --epochs 25 --lr 0.005 --pruning-rate 20 --pruning-levels 25 --early-stop True --dataset mnist
```







