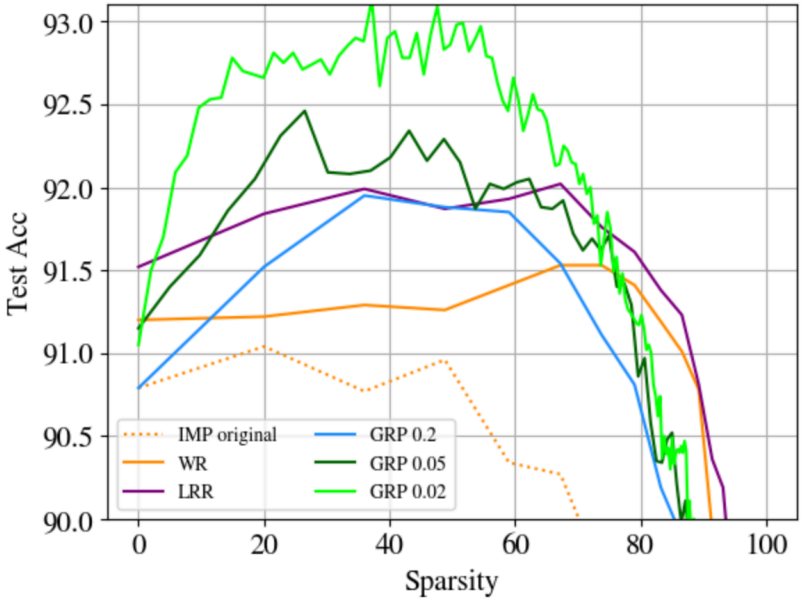
Experiments

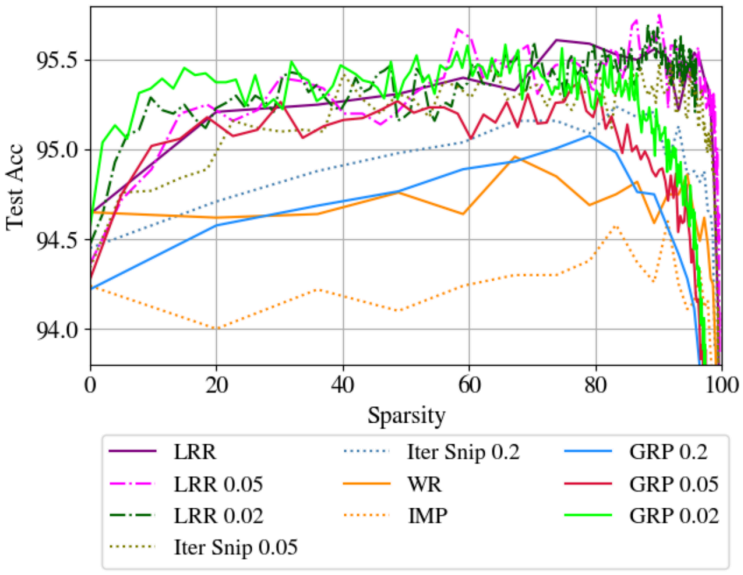
1. Results for Gradual Random Pruning (GRP) for CIFAR10 ResNet20.

We show results for Gradual Random Pruning on ResNet20 for CIFAR10 as suggested by reviewer ckQT. Even with a smaller ResNet20, we see that GRP is able to outperform LRR, WR and IMP upto 75% sparsity, in line with our experiments in the paper.



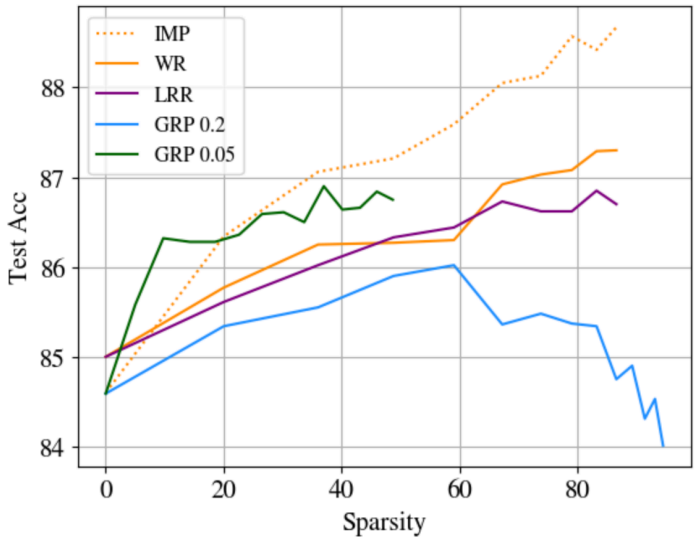
2. Same pruning fraction for LRR and GRP for CIFAR10 on ResNet18.

We show experiments that use the same pruning fraction as GRP for LRR and iterative Snip. Our results show that even with the same pruning fraction, GRP is able to compete with LRR upto 70% sparsity, in line with our results in the paper.



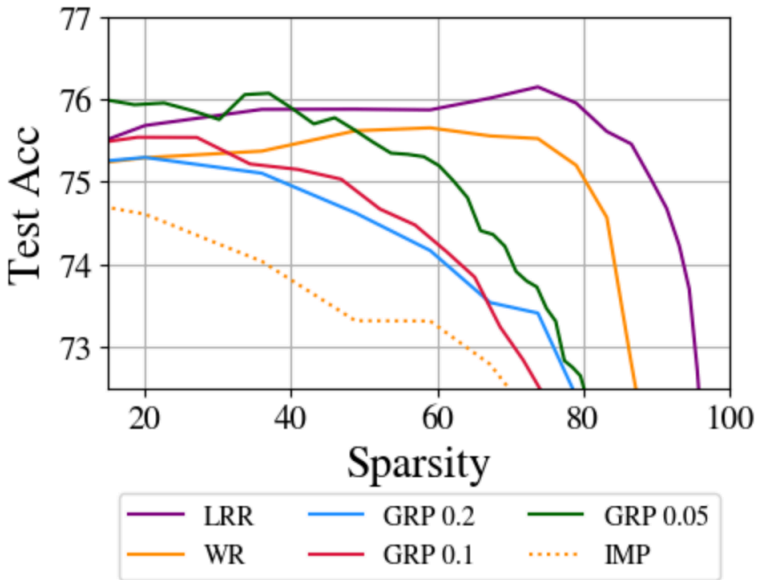
3. GRP on Vision Transformers

We also report experiments on a ViT for CIFAR10. Here too we observe that GRP is able to compete with IMP and outperform LRR and WR in the low sparsity regime.



4. Results on ImageNet

Complete results on ImageNet for GRP.


77
76
75
74
73
Test Acc
20
40
60
80
100
Sparsity
LRR
WR
GRP 0.2
GRP 0.1
GRP 0.05
IMP