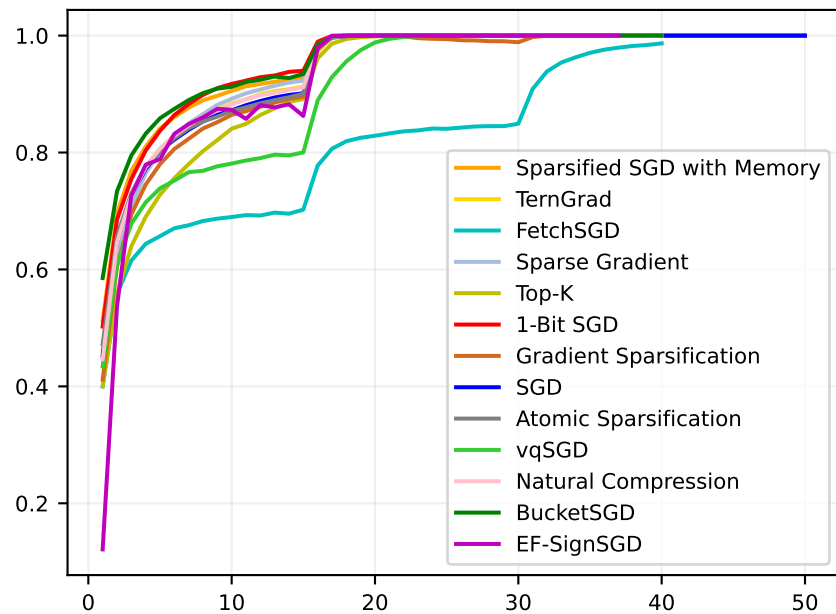
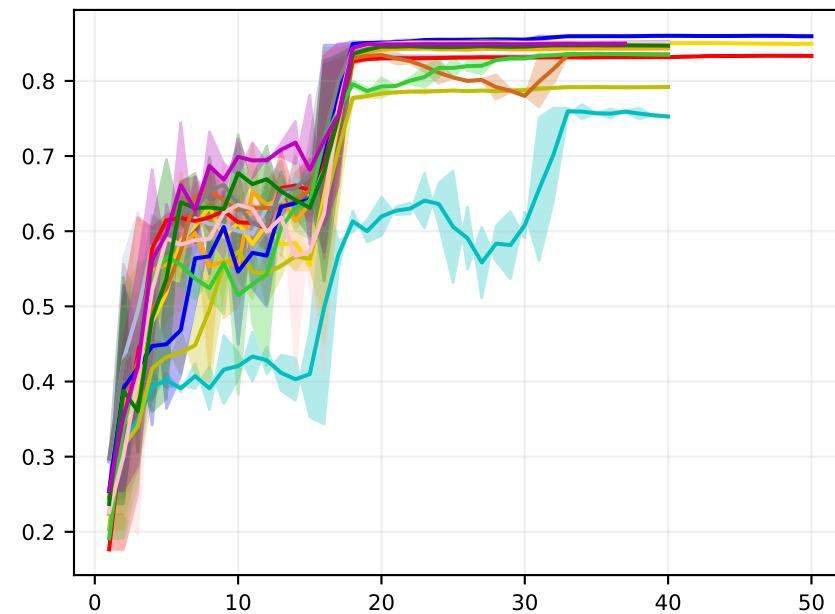


BASELINE_VGG

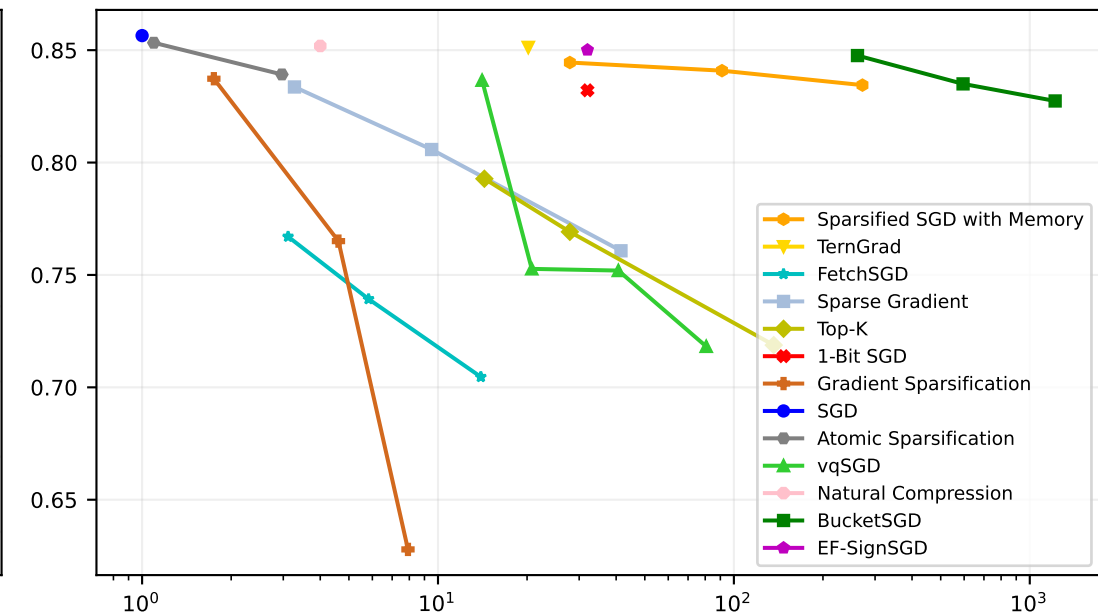
Training Accuracy



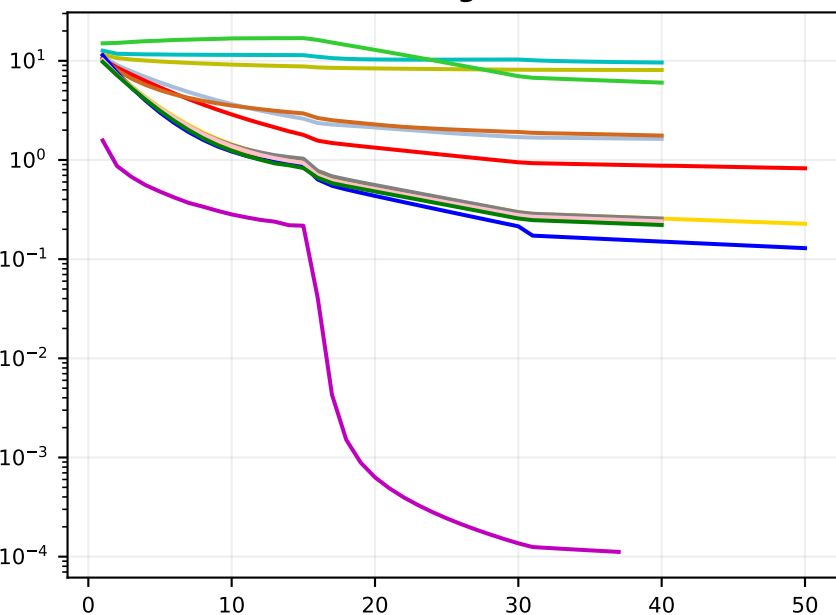
Test Accuracy



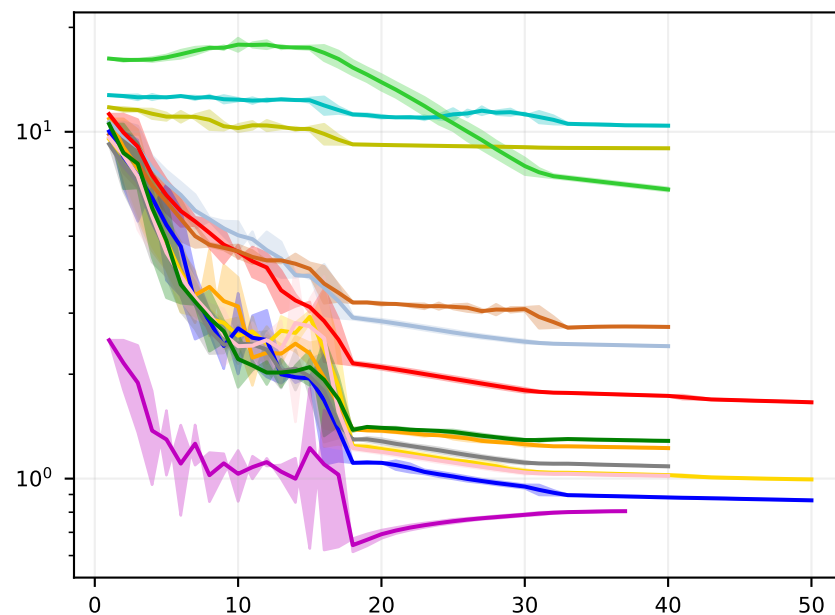
Test Accuracy vs Overall Compression



Training Loss



Test Loss



Method	Test Acc	Compression Ratio
SGD	85.65	1.0
Atomic Sparsification	85.33	1.1
Natural Compression	85.19	4.0
TernGrad	85.13	20.2
EF-SignSGD	85.01	32.0
BucketSGD	84.76	261.7
Sparsified SGD with Memory	84.45	27.9
Gradient Sparsification	83.73	1.7
vqSGD	83.66	14.1
Sparse Gradient	83.36	3.3
1-Bit SGD	83.21	32.0
Top-K	79.28	14.3
FetchSGD	76.7	3.1