

manning Loss	lest Loss
100	100
10-1	10-1
0 10 20 30 40	0 10 20 30 40

Method	Test Acc	Compression Ratio
SGD	99.0	1.0
BucketSGD	98.54	128.5
Sparsified SGD with Memory	98.31	30.4
Natural Compression	98.27	4.0
TernGrad	98.13	20.2
EF-SignSGD	97.92	32.0
1-Bit SGD	97.64	32.0
Gradient Sparsification	97.54	34.1
FetchSGD	97.31	1.6
Atomic Sparsification	97.25	10.9
Sparse Gradient	97.14	3.1
vqSGD	97.1	8.6
Тор-К	96.66	3.7