

0.9 -	
0.8 -	
0.7 -	
0.6 -	
0.5 -	gradientsparsification memsgd vqsgd sparsegradient
0.4 -	naturalcompression onebitsgd sgd
0.3 -	topk terngrad fetchsgd
0.2 -	0 100 200 300 400 500 600 700 800

Method	Val Acc	Compression Rate
memsgd	95.67	40.86
sgd	95.51	1
naturalcompression	95.36	4.0
sparsegradient	95.34	4.14
terngrad	95.29	20.19
efsignsgd	95.27	32.0
gradientsparsification	94.95	210.22
vqsgd	94.94	41.01
onebitsgd	93.86	32.0
topk	93.68	40.87
fetchsgd	92.86	1.03