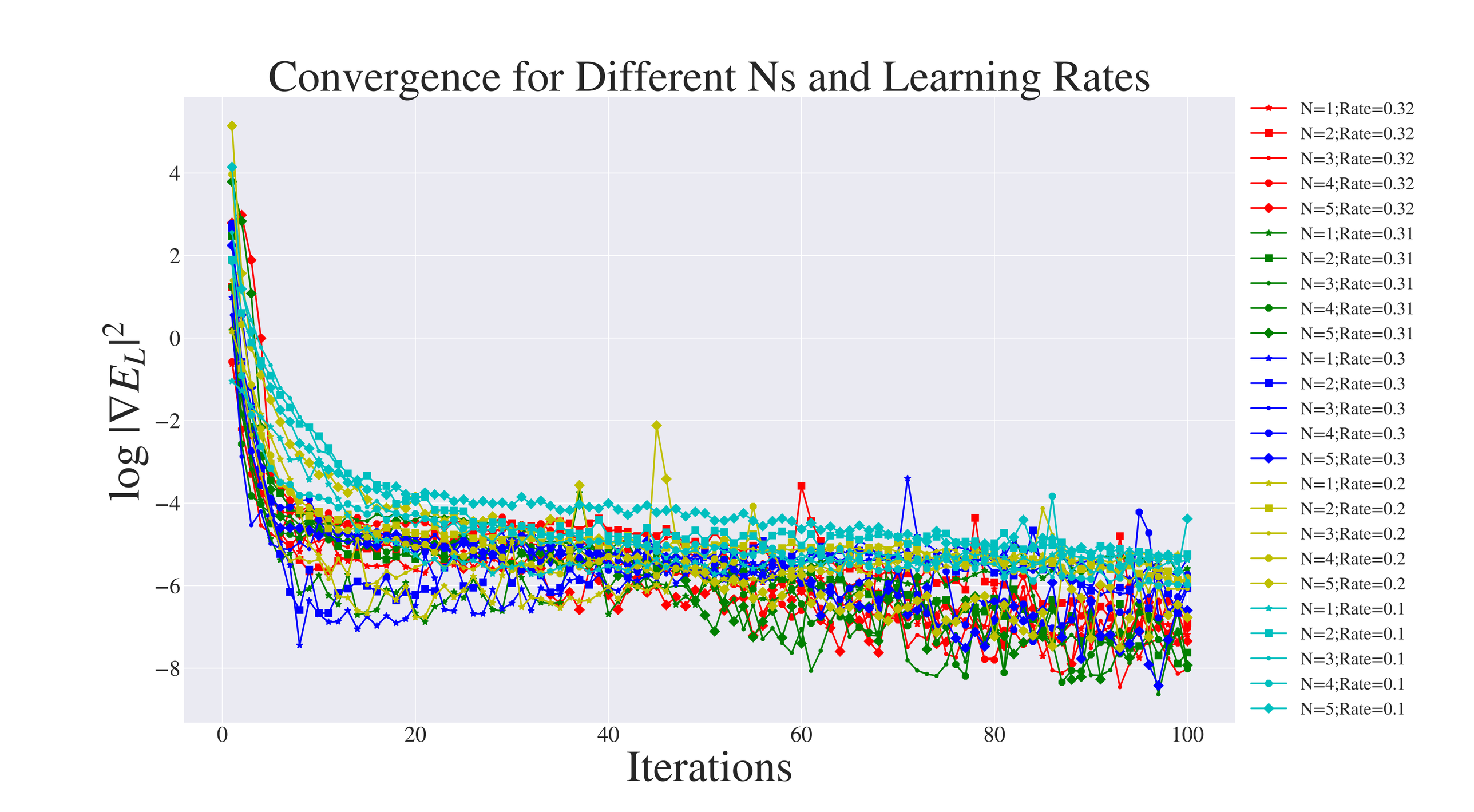
Convergence for Different Ns and Learning Rates
log $|\nabla E_L|^2$
Iterations
4
2
0
−2
−4
−6
−8
0
20
40
60
80
100
N=1;Rate=0.32
N=2;Rate=0.32
N=3;Rate=0.32
N=4;Rate=0.32
N=5;Rate=0.32
N=1;Rate=0.31
N=2;Rate=0.31
N=3;Rate=0.31
N=4;Rate=0.31
N=5;Rate=0.31
N=1;Rate=0.3
N=2;Rate=0.3
N=3;Rate=0.3
N=4;Rate=0.3
N=5;Rate=0.3
N=1;Rate=0.2
N=2;Rate=0.2
N=3;Rate=0.2
N=4;Rate=0.2
N=5;Rate=0.2
N=1;Rate=0.1
N=2;Rate=0.1
N=3;Rate=0.1
N=4;Rate=0.1
N=5;Rate=0.1