**Experiment 19** 100 experiment\_name: high\_d\_no\_eigenvalue\_scaling S: 1 initialization\_method: identity regularization\_parameter: 0.001 max\_epochs: 10000 batch size: 10000 seed do\_early\_stopping: True num\_epochs optimizer: L-BFGS 10 num\_controls: 10 gradient\_clip\_val: NA do shuffle: False do line search: True lbfgs\_memory: 100 stopping\_threshold: 0.1 divergence\_threshold: 10000 profiler: advanced 1 -

20

50

200

100

1000

500

10

dimension

2