ADAPT QAOA 2L **QAOA** 20 Mean(Grad) 1.25 Mean(Grad) 10 10 1.00 15 0.75 10 0.50 5 0.25 0 5 20 2 8 10 15 6 10 4 Layers Layers ADAPT VQE 2L VQE Mean(Grad) Mean(Grad) 10 10 1.5 2.0 1.5 1.0 1.0 0.5 0.5 0.0 0.0 2 3 5 6 100 200 300 400 0 4 Layers Layers