ADAPT QAOA 2L **QAOA** 2.5 Mean(Grad) Mean(Grad) 1.75 2.0 1.50 1.5 1.25 1.0 1.00 0.5 0.75 0.0 5 3 10 15 20 6 9 12 15 Layers Layers ADAPT VQE 2L VQE 1.0 Mean(Grad) Mean(Grad) 5 0.9 3 0.8 2 0.7 0 1.5 2.0 2.5 3.0 0 100 200 300 400 1.0 Layers Layers