## ADAPT QAOA 2L **QAOA** 1.3 1.2 Mean(Grad) Mean(Grad) 12 5 -12 1.1 3 1.0 0.9 8.0 0.7 0 25 50 75 100 2.5 5.0 7.5 10.0 12.5 Layers Layers ADAPT VQE 2L VQE 1.6 Mean(Grad) Mean(Grad) 1.5 -12 -12 1.4 1.0 1.2 1.0 0.5 8.0 0.0 2 8 200 300 400 6 0 100 4 Layers Layers