## ADAPT QAOA 2L **QAOA** Mean(Grad) Mean(Grad) 2.5 3 8 8 2.0 2 1.5 1.0 0 25 100 0 50 75 0 10 20 30 40 Layers Layers **ADAPT VQE 2L** VQE 2.5 Mean(Grad) Mean(Grad) 8 8 1.2 2.0 1.5 1.0 1.0 8.0 0.5 0.0 0.6 2 3 5 0 100 200 300 400 4 Layers Layers