## ADAPT QAOA 2L **QAOA** 0.6 Mean(Grad) Mean(Grad) 4 4 1.5 0.5 6 6 8 8 0.4 1.0 10 10 0.3 12 12 0.5 0.2 0.1 0.0 75 100 100 0 25 50 0 25 50 75 Layers Layers **ADAPT VQE 2L** VQE 0.20 Mean(Grad) 0.60 Mean(Grad) 4 4 0.15 6 6 0.55 8 8 10 10 0.50 0.10 12 12 0.45 0.05 0.40 2 8 300 400 6 0 100 200 4 Layers Layers