## ADAPT QAOA 2L **QAOA** 1.5 0.6 Mean(Grad) Mean(Grad) 10 10 0.5 1.0 0.4 0.3 0.5 0.2 0.0 5 25 50 75 100 15 20 25 30 0 10 Layers Layers **ADAPT VQE 2L** VQE 0.20 Mean(Grad) 0.625 10 10 0.15 0.600 0.10

0.05

0.00

0

200

Layers

100

300

400

