ADAPT QAOA 2L QAOA Mean(Grad) 0.55 Mean(Grad) 0.6 0.50 0.45 0.4 0.40 0.2 0.35 0.30 0.0 5 15 20 2.5 5.0 7.5 10.0 12.5 10 Layers Layers ADAPT VQE 2L VQE 0.59 Mean(Grad) Mean(Grad) 0.58 0.20 0.57 0.15 0.56 0.10 0.55 0.05 0.54 0.53 0.00 1.00 1.25 1.50 1.75 2.00 0 100 200 300 400 Layers Layers