ADAPT QAOA 2L **QAOA** Mean(Grad) Mean(Grad) 2.0 8 1.5 6 1.0 0.5 2 0.0 0 5 5 0 1 2 3 0 3 4 1 2 4 Radius Radius ADAPT VQE 2L VQE(d=200)1.2 3 Mean(Grad) Mean(Grad) 1.0 0.8 2 0.6 0.4 0.2 0.0 0 0 2 3 5 3 5 1 0 1 2 4 4 Radius Radius